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UNIVERSITY OF CINCINNATI.

PUBLICATIONS

OF THE

CINCINNATI OBSERVATORY.

No. 14

CATALOGUE

OF

2030 Stars for the Epoch 1895.

BY

JERMAIN G. PORTER, A. M., Ph. D.,
DIRECTOR.

PUBLICATIONS OF THE CINCINNATI OBSERVATORY.

— 14 —

A CATALOGUE
OF
2030 STARS FOR THE EPOCH 1895,
WITH AN APPENDIX

GIVING THE DERIVATION OF PROPER MOTION FOR 971 STARS,

BY JERMAIN G. PORTER, A. M., PH. D.,
DIRECTOR.

CINCINNATI:
PUBLISHED BY AUTHORITY OF THE BOARD OF DIRECTORS OF THE UNIVERSITY,
1898.

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PREFACE.

PUBLICATION No. 13 contained the results of the first five years' observations with the Cincinnati meridian circle, reduced to the middle epoch 1890. This publication contains the results of the second five years' work with the same instrument, 1893 to 1898, reduced to the epoch 1895. Instead, however, of printing the data for the proper motions separately, as was done before, I have followed the simpler plan of giving them in the appendix to the catalogue.

The working list was made up primarily of proper motion stars, including all those in Bossert's catalogue not previously observed; many stars from the different A. G. catalogues, the motion of which had been recognized; a few communicated to me by the late Dr. Stumpe, and some found in my own researches. About thirty of the stars contained in No. 13 were also re-observed, and in some cases the motions there given were modified in accordance with the further evidence. Where this list did not furnish sufficient material, other stars were put in, especially from the Cincinnati Zone Catalogue.

The same method of observing was followed as in former years, excepting that after December 1, 1894, the stars to be observed on any given evening were selected in zones not more than 20° in width, instead of being taken in all declinations as before. This has resulted in a very perceptible lessening of the probable error of an observation both in right ascension and in declination.

For this catalogue these values are as follows:

$$\epsilon_a \cos \delta = \pm 0^s.035.$$

$$\epsilon_\delta = \pm 0''.41.$$

The places of the fundamental stars used for obtaining the clock correction and equator-point have been taken from the Berlin Jahrbuch. For some of the southern zones, however, it was necessary to make use of the list of 303 stars published in the appendix. Whenever this was done the declinations of these stars were first reduced to the system of the Berlin Jahrbuch.

All the observations have been made by myself; but in the work of reduction I have been most ably assisted by Mr. E. I. Yowell.

The arrangement of the Catalogue, being the same as in No. 13, needs no further explanation. Wherever proper-motions are given they have been used in reducing the positions to 1895.

JERMAIN G. PORTER, DIRECTOR.

NOVEMBER, 1898.

No	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A 1895.0.		Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.	Precession. 1895+ <i>t</i> .	P. M.
					H. M.	S.	S.	S.	° / "	"	"
1	Lal. 47248	7.5	2	97.3	0 00	32.54	+3.0736+1.14 <i>t</i>	—0.0178	+17 39 17.0	+20.053—0.10 <i>t</i>	—0.139
2	Pul. 2, 1400, mean . .	8.5	3	97.5	00 33.38		+3.0736+1.13	—0.0096	+17 29 42.8	+20.053—0.10	—0.182
3	Cinc. Z. 4	9	4	95.8	01 29.43		+3.0694—0.92		—20 29 55.6	+20.052—0.11	
4	Cinc. Z. 9	8	4	95.5	03 03.17		+3.0654—0.99		—21 59 39.5	+20.051—0.14	
5	Lal. 47354	7.5	3	97.2	03 55.43		+3.0796+1.12	—0.0036	+16 57 11.6	+20.050—0.16	—0.135
6	Weisse oh, 17	8	3	97.2	0 04 02.10		+3.0805+1.21	+0.0181	+18 31 50.9	+20.050—0.17	+0.057
7	W. Arg. 18	8.5	3	94.8	04 14.34		+3.0626—0.99		—21 57 58.1	+20.049—0.17	
8	Weisse oh, 58	8.5	3	96.5	05 22.80		+3.0867+1.57	—0.0144	+24 14 07.4	+20.047—0.18	—0.107
9	6 <i>f</i> Ceti	5.5	4	95.8	05 55.14		+3.0627—0.64	—0.0066	—16 02 40.8	+20.046—0.19	—0.257
10	Lal. 76	8.5	3	97.2	07 01.87		+3.0872+1.30	+0.0153	+19 39 02.1	+20.043—0.22	—0.078
11	Weisse oh, 78	8	3	94.8	0 07 03.79		+3.0829+0.96	+0.0180	+13 58 53.3	+20.043—0.20	—0.090
12	Weisse oh, 127.	9	3	97.2	07 15.16		+3.0873+1.28	+0.010	+19 11 33.5	+20.042—0.23	—0.18
13	B. D. —0°, 23	9.5	4	96.1	09 27.10		+3.0723+0.23		— 0 20 38.3	+20.035—0.27	
14	Weisse oh, 215.	9	3	96.5	10 00.38		+3.0980+1.55		+23 29 09.8	+20.034—0.28	
15	Rüm. 26	9.5	3	97.2	10 53.26		+3.0909+1.12	+0.025	+16 03 53.2	+20.030—0.30	—0.10
16	Cinc. Z. 25	8.5	4	95.8	0 11 02.73		+3.0492—0.81		—19 58 44.3	+20.029—0.30	
17	Groom. 34	8	3	95.8	12 23.26		+3.1410+3.21	+0.2590	+43 25 39.6	+20.023—0.34	+0.395
18	Weisse oh, 289.	8	4	97.1	12 58.15		+3.1036+1.50	—0.003	+22 17 56.9	+20.020—0.33	—0.10
19	D'Agelet 38.	6	2	96.3	15 16.01		+3.1289+2.23		+32 19 43.1	+20.008—0.39	
20	B. D. —15°, 55.	9	4	96.1	15 25.35		+3.0484—0.51		—15 02 39.0	+20.007—0.38	
21	Lal. 423.	7.5	3	95.8	0 17 22.40		+3.0544—0.23		—10 12 17.1	+19.995—0.42	
22	Groom. 57	7	3	96.5	18 29.92		+3.1756+3.32		+43 40 58.6	+19.988—0.46	
23	B. D. —17°, 51.	9	4	96.1	18 31.74		+3.0393—0.60		—17 08 39.2	+19.988—0.45	
24	B. D. —19°, 52.	9	4	95.1	19 30.83		+3.0321—0.73		—19 35 23.9	+19.980—0.46	
25	W. Arg. 157	9	2	97.3	20 41.88		+3.0363—0.57		—16 46 30.5	+19.970—0.49	
26	B. D. +27°, 57.	8.5	3	95.8	0 21 12.28		+3.1380+1.95		+27 54 04.0	+19.967—0.51	
27	W. Arg. 166	8.5	3	95.8	21 47.49		+3.0236—0.81		—21 05 38.0	+19.962—0.50	
28	P. oh, 88	6	2	96.4	24 32.53		+3.0331—0.47	+0.0100	—15 26 37.2	+19.938—0.56	0.000
29	W. Arg. 191	9	3	95.8	24 39.09		+3.0214—0.70		—19 37 22.6	+19.936—0.56	
30	Lal. 679.	9	3	96.8	24 59.85		+3.1320+1.58	+0.0142	+22 11 38.7	+19.933—0.57	—0.207
31	Weisse oh, 396.	8	2	96.3	0 26 15.36		+3.1060+1.00	—0.0066	+12 20 17.4	+19.921—0.56	—0.149
32	Mün. 1, 283	8.5	2	97.2	26 40.17		+3.0342—0.38		—13 53 22.3	+19.917—0.60	
33	Lal. 758.	8.5	2	96.3	27 00.28		+3.1548+1.97	+0.0142	+27 36 57.9	+19.914—0.63	+0.05
34	B. D. —13°, 90.	9.5	3	95.8	27 04.44		+3.0362—0.33		—13 00 53.8	+19.913—0.61	
35	B. D. —2°, 71	9	3	95.8	27 08.71		+3.0665+0.23		— 2 11 49.3	+19.912—0.61	
36	Lal. 839-41	8	3	95.8	0 29 21.83		+3.2271+3.31	—0.0247	+42 07 04.7	+19.888—0.70	—0.088
37	13 Ceti	6	3	95.8	29 50.65		+3.0599+0.13	+0.0277	— 4 10 15.8	+19.883—0.65	—0.023
38	Lal. 887.	7.5	3	97.2	30 21.79		+3.1232+1.24	—0.0025	+15 59 40.8	+19.876—0.69	—0.128
39	B. D. —5°, 87	9	3	95.8	30 37.00		+3.0550+0.07		— 5 37 53.5	+19.874—0.67	
40	Weisse oh, 488.	6.5	2	97.3	30 39.62		+3.0534+0.04	+0.0140	— 6 08 45.5	+19.873—0.67	—0.105
41	Lal. 936.	8.5	2	97.4	0 31 37.16		+3.0511+0.02	—0.0065	— 6 41 05.4	+19.862—0.67	—0.131
42	Weisse oh, 519.	8.5	3	95.8	33 02.16		+3.0750+0.41		+ 0 42 03.3	+19.844—0.73	
43	Weisse oh, 541.	8	3	94.8	34 16.23		+3.0599+0.19		— 3 39 31.3	+19.829—0.75	
44	B. D. —6°, 110.	9	3	95.8	34 26.85		+3.0521+0.08		— 5 50 47.7	+19.827—0.76	
45	Lal. 1052	8	2	97.3	35 00.68		+3.0746+0.41		+ 0 33 27.2	+19.820—0.77	
46	Mün. 1, 393	9	3	95.8	0 38 03.32		+3.0670+0.33	—0.013	— 1 27 49.3	+19.776—0.83	—0.29
47	Rüm. 167	9.5	4	97.3	38 29.62		+3.1371+1.30	+0.002	+16 06 17.5	+19.771—0.85	—0.13
48	17 Ceti	6	3	96.8	38 53.60		+3.0280—0.16	—0.0014	—11 10 52.4	+19.765—0.83	—0.109
49	Lal. 1190	7.5	5	96.4	39 14.37		+2.9561—1.05	+0.0290	—27 05 42.3	+19.758—0.83	+0.169
50	P. oh, 167	7	2	96.4	39 46.37		+3.0713+0.39	+0.0159	— 0 19 12.6	+19.751—0.85	—0.056

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0.		Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895 0.	Precession. 1895+ <i>t</i> .	P. M.
					H. M.	S.	S.	S.	° / //	//	//
51	18 Ceti	6	2	96.4	0 40	12.28	+3.0168—0.28 <i>t</i>	—0.0045	—13 26 57.4	+19.745—0.84 <i>t</i>	—0.199
52	B. D. —1°, 93	9	3	95.8	40 16.30		+3.0687+0.36		— 0 57 33.0	+19.744—0.87	
53	Cinc. Z. 99	8.5	4	96.1	41 58.31		+2.9770—0.67		—21 26 36.8	+19.717—0.88	
54	Cinc. Z. 106	9	3	95.8	44 33.70		+2.9767—0.58		—20 21 33.2	+19.675—0.92	
55	Weisse o ^h , 742	8.5	3	94.8	45 02.75		+3.1025+0.77	—0.002	+ 6 32 05.9	+19.667—0.94	—0.154
56	B. D. —5°, 136	9	3	95.8	0 45 29.98		+3.0501+0.19		— 4 52 05.8	+19.659—0.96	
57	Weisse o ^h , 1131	9	4.3	97.2	45 48.90		+3.1597+1.46	0.0000	+18 10 30.9	+19.654—1.00	—0.25
58	W. Arg. 396	8	3	95.8	47 33.89		+2.9770—0.49		—19 08 43.9	+19.622—0.98	
59	D'Agelet 160-3	6.5	3	96.5	47 42.14		+3.2796+2.93	0.0000	+36 50 56.4	+19.627—1.08	—0.067
60	Weisse o ^h , 844	9	3	94.8	50 45.03		+3.1209+0.95		+ 9 20 12.0	+19.563—1.09	
61	Lal. 1616	8.5	3	96.8	0 51 38.78		+3.2101+1.92	+0.016	+24 43 25.0	+19.546—1.13	0.00
62	P. o ^h , 251, fol. s.	8	4	95.4	54 00.51		+3.0738+0.50	—0.0055	+ 0 12 53.3	+19.499—1.13	—0.136
63	W. Arg. 460	8.5	3	95.8	54 55.70		+2.9468—0.56		—21 37 35.9	+19.479—1.11	
64	Cinc. Z. 129	8.5	3	95.8	55 08.50		+2.9513—0.52		—20 50 26.2	+19.475—1.11	
65	Weisse o ^h , 932	8.5	3	95.8	55 36.83		+3.0606+0.38		— 2 08 46.6	+19.465—1.16	
66	B. D. —4°, 139	9	3	95.9	0 59 15.28		+3.0499+0.31		— 3 47 30.9	+19.386—1.22	
67	P. o ^h , 271	8	3	96.8	59 22.18		+3.1115+0.85	+0.0090	+ 6 29 07.6	+19.383—1.25	—0.093
68	B. D. +12°, 133	9	2	95.4	1 00 17.10		+3.1513+1.20		+12 45 05.0	+19.363—1.27	
69	Lal. 1904	9	2	96.4	00 19.12		+3.0842+0.61	—0.011	+ 1 54 52.1	+19.362—1.25	+0.01
70	77 Piscium, pr.	6.5	3	96.9	00 23.31		+3.0991+0.74	0.0000	+ 4 20 56.4	+19.360—1.26	—0.117
71	B. D. —2°, 159	9	3	95.9	1 00 42.66		+3.0601+0.42		— 2 02 38.9	+19.353—1.25	
72	Cinc. Z. 146	8.5	2	95.4	00 53.85		+2.9438—0.44		—20 08 57.0	+19.349—1.21	
73	Weisse o ^h , 1052	9	3	95.9	01 42.06		+3.1451+1.12		+11 31 06.9	+19.330—1.30	
74	80 e Piscium	5.5	3	95.9	02 57.57		+3.1050+0.78	—0.0204	+ 5 05 38.6	+19.300—1.30	—0.171
75	B. D. +11°, 154	9	3	95.9	04 04.50		+3.1466+1.14		+11 21 00.2	+19.274—1.35	
76	B. D. —2°, 170	9	2	95.4	1 04 16.71		+3.0575+0.42		— 2 20 07.4	+19.269—1.31	
77	44 Androm.	6	4	96.4	04 20.98		+3.4006+3.62	—0.0140	+41 31 22.7	+19.267—1.46	—0.046
78	P. o ^h , 310	6.5	2	96.4	04 37.53		+3.2453+2.01	0.0000	+24 54 04.6	+19.260—1.40	—0.125
79	θ Cassiop.	4.5	2	95.4	04 42.47		+3.5965+5.92	+0.0240	+54 35 28.0	+19.259—1.54	—0.029
80	B. D. —4°, 151	9	3	95.9	06 27.39		+3.0460+0.35		— 3 59 14.0	+19.215—1.35	
81	B. D. —4°, 154	9	2	95.4	1 07 37.85		+3.0415+0.33		— 4 34 04.2	+19.186—1.37	
82	B. D. —17°, 212	9	4	96.4	08 03.38		+2.9494—0.27		—17 28 39.3	+19.175—1.34	
83	B. D. +11°, 160	9	4.3	96.4	08 08.47		+3.1571+1.19		+12 10 45.7	+19.173—1.43	
84	37 Ceti	5.5	4	96.4	09 06.66		+3.0134+0.14	+0.0065	— 8 29 14.5	+19.147—1.38	+0.270
85	Lal. 2224	8	2	96.4	09 11.77		+3.0336+0.29	—0.0114	— 5 35 57.8	+19.145—1.40	—0.098
86	38 Ceti	6	3	95.9	1 09 27.50		+3.0619+0.49	—0.0050	— 1 32 10.0	+19.139—1.42	+0.214
87	Lal. 2278	8.5	3	97.2	10 57.06		+3.2047+1.56	+0.0208	+17 58 03.4	+19.100—1.50	0.000
88	Weisse 1 ^h , 123	8	3	94.9	10 59.47		+3.1377+1.03	+0.016	+ 9 04 17.2	+19.098—1.45	—0.12
89	Cinc. Z. 170	9	4	96.2	11 34.54		+2.9097—0.43		—21 37 46.7	+19.083—1.39	
90	W. Arg. 618	9	3	95.9	13 35.05		+2.9095—0.40		—21 08 13.3	+19.028—1.42	
91	B. D. —16°, 222	9	3	95.9	1 14 41.43		+2.9499—0.16		—15 59 57.8	+18.997—1.46	
92	B. D. —3°, 180	9.5	3	95.9	14 43.17		+3.0486+0.42		— 3 13 14.6	+18.997—1.52	
93	Lal. 2415	8	3	96.8	15 18.38		+3.2702+2.04	+0.0110	+24 36 36.8	+18.980—1.62	—0.106
94	B. D. +13°, 203	9.5	2	95.4	16 36.90		+3.1831+1.35		+14 08 41.8	+18.943—1.60	
95	P. 1 ^h , 56	6	2	96.4	17 40.13		+3.3689+2.83	+0.0165	+33 41 36.5	+18.912—1.72	+0.126
96	B. D. +13°, 210	9	5	96.3	1 18 59.72		+3.1857+1.35		+14 03 34.6	+18.873—1.66	
97	Weisse 1 ^h , 356	8.5	3	97.2	19 11.03		+3.2193+1.60	+0.045	+17 57 28.2	+18.867—1.67	—0.19
98	ω Androm.	5	4	96.4	21 22.39		+3.5352+4.23	+0.0316	+44 51 52.4	+18.802—1.87	—0.099
99	Cinc. Z. 192	8	2	95.4	21 45.74		+2.9009—0.29		—20 11 16.8	+18.790—1.56	
100	B. D. —2°, 218	9	2	95.4	22 03.95		+3.0512+0.49		— 2 36 42.9	+18.780—1.64	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.	Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.	Precession. 1895+ <i>t</i> .	P. M.
					H. M. S.	S.	S.	° ' "	"	"
101	B. D. +13°, 216 . . .	8.5	2	95.4	1 22 43.15	+3.1897+1.36		+13 55 55.6	+18.761-1.73	
102	μ Piscium	5	3	95.9	24 40.97	+3.1200+0.90	+0.0183	+ 5 36 08.4	+18.699-1.71	-0.037
103	W. Arg. 741	8.5	3	95.6	26 20.78	+2.8902-0.27		-20 20 41.5	+18.646-1.63	
104	W. Arg. 752	8.5	2	95.4	27 18.35	+2.8902-0.25		-20 08 53.4	+18.615-1.65	
105	Lac. 444	7.5	3	96.9	28 15.57	+2.8415-0.45	+0.0174	-24 42 46.3	+18.584-1.68	-0.176
106	B. D. -2°, 247	9	2	95.4	1 28 40.16	+3.0531+0.53		- 2 13 15.4	+18.570-1.76	
107	Lal. 2890	7.5	2	96.4	29 51.36	+3.4082+2.84	-0.0052	+33 18 07.3	+18.531-1.98	-0.140
108	Cinc. Z. 211	9	4.3	95.9	30 09.43	+2.8780-0.26		-20 47 56.1	+18.521-1.69	
109	P. 1 ^h , 120	6	2	96.4	30 13.83	+3.2284+1.57	+0.0081	+16 53 46.8	+18.519-1.88	+0.043
110	50 v Androm.	5	4	96.4	30 38.02	+3.5184+3.72	-0.0160	+40 52 48.6	+18.505-2.06	-0.367
111	B. D. -2°, 255	8.5	2	95.4	1 32 03.15	+3.0478+0.53		- 2 43 11.6	+18.457-1.82	
112	Lal. 2977	8	2	96.4	32 16.69	+3.2774+1.87	+0.0090	+21 21 13.1	+18.449-1.96	-0.090
113	P. 1 ^h , 131	6	3	97.9	32 22.83	+2.9807+0.21	+0.0185	- 9 56 31.5	+18.445-1.79	+0.104
114	Lal. 2975	8	4	95.4	32 26.55	+3.3639+2.46	+0.036	+29 02 21.2	+18.443-2.01	-0.25
115	W. Arg. 821	8.5	2	95.4	34 13.81	+2.8851-0.17		-19 20 00.5	+18.381-1.76	
116	B. D. +11°, 216	9	2	95.4	1 35 33.21	+3.1834+1.26		+11 33 57.6	+18.335-1.96	
117	Cinc. Z. 221	8	4	96.2	35 37.39	+2.8687-0.21		-20 37 46.0	+18.332-1.77	
118	107 Piscium	5.5	3	95.9	36 47.76	+3.2695+1.78	-0.0210	+19 45 28.1	+18.291-2.03	-0.670
119	Weisse 1 ^h , 638	8	3	94.9	37 04.32	+3.0468+0.55		- 2 41 22.9	+18.280-1.91	
120	Lal. 3153	8	4	97.1	37 07.57	+2.8895-0.11	+0.038	-18 25 11.9	+18.279-1.81	0.00
121	B. D. +11°, 225	9	4	96.2	1 38 51.36	+3.1875+1.28		+11 36 45.9	+18.216-2.02	
122	B. D. -2°, 292	9	2	95.4	40 48.25	+3.0526+0.60		- 2 00 58.3	+18.144-1.97	
123	B. D. +11°, 234	9	3	95.9	42 12.78	+3.1925+1.29		+11 44 36.8	+18.091-2.08	
124	Cinc. Z. 236	9	4	96.4	42 22.10	+2.8446-0.20		-21 32 30.2	+18.085-1.87	
125	B. D. -17°, 318	9	2	95.4	42 30.99	+2.8919-0.03		-17 21 07.1	+18.080-1.90	
126	P. M. 157, pr. n. . . .	9	2	95.4	1 43 25.34	+3.0528+0.61		- 1 56 56.0	+18.045-2.02	
127	λ Ceti	5	3	96.2	44 25.65	+2.9561+0.22	-0.0112	-11 12 20.4	+18.007-1.97	-0.080
128	D'Agelet 373-4	7	3	97.2	46 03.86	+3.2639+1.67	-0.0036	+17 46 25.2	+17.944-2.20	-0.122
129	B. D. +12°, 251	9	3	95.9	49 51.32	+3.2089+1.35		+12 27 47.6	+17.792-2.24	
130	W. Arg. 971	8.5	3	94.9	51 01.06	+2.8168-0.17		-22 20 21.9	+17.746-1.99	
131	W. Arg. 975	8.5	3	95.9	1 51 14.97	+2.8562-0.05		-19 07 54.6	+17.736-2.02	
132	B. D. -3°, 285	9	2	95.4	51 55.85	+3.0312+0.56		- 3 46 31.5	+17.708-2.15	
133	Lal. 3609	8.5	3	96.9	52 05.15	+3.2277+1.44	+0.0155	+13 52 26.3	+17.702-2.29	+0.082
134	Weisse 1 ^h , 1221	9	3	96.9	53 45.38	+3.3106+1.86	0.0000	+20 29 48.7	+17.633-2.37	-0.123
135	P. 1 ^h , 222	6	2	96.4	53 45.87	+3.3113+1.86	+0.0085	+20 32 54.0	+17.632-2.37	-0.015
136	B. D. -2°, 340	8.5	2	95.4	1 55 40.70	+3.0481+0.64		- 2 10 13.3	+17.552-2.23	
137	B. D. -2°, 341	9	2	95.4	55 59.74	+3.0481+0.64		- 2 09 53.7	+17.539-2.23	
138	B. D. +11°, 266	9	4	96.2	57 04.35	+3.2122+1.34		+12 03 27.2	+17.492-2.36	
139	10 Arietis	6	3	96.9	57 41.73	+3.3849+2.22	+0.0091	+25 25 45.6	+17.466-2.50	+0.017
140	B. D. -2°, 348	9	2	95.4	58 21.73	+3.0412+0.63		- 2 43 16.9	+17.437-2.26	
141	W. Arg. 1048	8.5	2	95.4	1 58 39.02	+2.8432-0.01		-19 07 24.5	+17.424-2.12	
142	B. D. +11°, 277	9	3	95.9	2 00 36.04	+3.2145+1.35		+11 56 03.7	+17.340-2.42	
143	B. D. -16°, 371	9	2	95.4	01 19.90	+2.8695+0.09		-16 44 27.4	+17.307-2.18	
144	B. D. -2°, 364	9	2	95.4	01 55.62	+3.0414+0.64		- 2 38 09.4	+17.281-2.33	
145	58 Androm.	5	3	96.9	02 09.04	+3.5912+3.37	+0.0122	+37 21 38.8	+17.271-2.75	-0.040
146	B. D. +11°, 285	9.5	3	95.9	2 03 14.23	+3.2125+1.33		+11 32 40.3	+17.223-2.47	
147	D'Agelet 428	7.5	2	97.4	03 36.90	+3.2790+1.64	+0.0082	+16 43 54.1	+17.206-2.53	-0.188
148	B. D. -3°, 325	9	2	95.4	04 50.48	+3.0311+0.62		- 3 25 37.3	+17.150-2.37	
149	Lal. 4060	6	2	96.4	06 13.32	+2.9424+0.34	-0.0016	-10 32 30.8	+17.088-2.33	-0.180
150	B. D. +12°, 296	9	2	95.4	06 13.37	+3.2344+1.41		+13 01 19.4	+17.087-2.54	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800 +	R. A. 1895.0.		Precession. 1895 + t.	P. M.	Decl. 1895.0.			Precession. 1895 + t.	P. M.
					H. M.	S.	S.	S.	°	'	"	"	"
151	Lal. 4039	8	3	96.9	2 06	18.77	+3.3765 + 2.09	+0.0084	+23	28	07.1	+17.083—2.65	—0.117
152	Brad. 3227	7.5	2	95.5	07	07.31	+4.7466 + 13.33	+0.0820	+67	11	24.0	+17.046—3.72	—0.305
153	66 Ceti, fol.	6	2	95.4	07	25.64	+3.0370 + 0.65	+0.0228	— 2	53	05.4	+17.032—2.41	—0.058
154	B. D. +12°, 308	9	2	95.4	09	23.17	+3.2275 + 1.37		+12	13	13.7	+16.941—2.59	
155	W. Arg. 1475	8	2	95.4	10	59.26	+2.8147 + 0.04		—19	37	31.4	+16.866—2.29	
156	Krueger, A. G. 2069	8.5	3	95.9	2 11	00.76	+4.1481 + 7.08	+0.0354	+56	04	47.3	+16.864—3.35	—0.200
157	Weisse 2 ^h , 151	8	2	95.4	12	52.22	+3.2480 + 1.44		+13	27	57.2	+16.776—2.67	
158	W. Arg. 1200	9	2	95.4	13	47.67	+2.8788 + 0.22		—14	44	07.6	+16.731—2.39	
159	Rüm. 2, 1176	7.5	3.4	95.9	14	43.02	+4.2910 + 9.07		+58	40	51.1	+16.687—3.54	
160	Weisse 2 ^h , 195	8	6	94.9	14	48.05	+3.0205 + 0.62		— 4	00	59.5	+16.683—2.52	
161	B. D. +12°, 320	9	4	96.4	2 16	29.66	+3.2479 + 1.43		+13	09	29.1	+16.600—2.73	
162	Cinc. Z. 311	8.5	3	94.9	16	35.01	+2.7876 + 0.03		—20	48	02.2	+16.596—2.35	
163	Weisse 2 ^h , 362	8.5	3	97.0	17	37.34	+3.3775 + 1.98	+0.012	+21	58	53.4	+16.545—2.85	—0.05
164	B. D. —2°, 399	9.5	3	96.0	17	55.05	+3.0411 + 0.69		— 2	22	50.3	+16.530—2.58	
165	Cinc. Z. 314	9	2	95.5	20	03.11	+2.7819 + 0.06		—20	45	26.5	+16.424—2.40	
166	66 Androm.	6.5	3	96.3	2 20	49.08	+3.9943 + 5.43	+0.0030	+50	06	02.0	+16.385—3.43	—0.096
167	Weisse, 2 ^h , 310	8.5	4.3	95.5	21	26.05	+3.2312 + 1.34		+11	35	17.8	+16.354—2.80	
168	B. D. —17°, 475	9	2.3	95.8	23	46.37	+2.8235 + 0.17		—17	36	46.5	+16.234—2.49	
169	B. D. —2°, 420	9.5	3	96.0	24	31.06	+3.0412 + 0.72		— 2	17	00.1	+16.196—2.68	
170	B. D. +11°, 351	9	2	95.4	25	36.40	+3.2420 + 1.37		+12	03	19.3	+16.140—2.88	
171	B. D. —17°, 485	9	3	95.9	2 26	40.06	+2.8254 + 0.20		—17	12	12.5	+16.084—2.53	
172	B. D. —2°, 435	9.5	3	95.9	27	39.15	+3.0464 + 0.73		— 1	52	08.1	+16.033—2.74	
173	B. D. +12°, 353	9.5	2	95.5	28	25.53	+3.2557 + 1.41		+12	47	37.2	+15.992—2.93	
174	Cinc. Z. 336	8.5	3	94.9	29	13.53	+2.7702 + 0.12		—20	27	56.2	+15.950—2.52	
175	31 Arietis	6	4	96.4	30	54.31	+3.2463 + 1.37	+0.0177	+11	59	32.0	+15.860—2.96	—0.082
176	30 Arietis, fol.	7	2	96.5	2 30	57.11	+3.4402 + 2.12	+0.0090	+24	11	23.6	+15.858—3.13	—0.012
177	ε Ceti	4	3	95.9	34	29.08	+2.8904 + 0.38	+0.0082	—12	19	05.2	+15.667—2.70	—0.236
178	Lal. 4969	6.5	2	96.4	35	05.88	+2.9265 + 0.45	—0.0096	— 9	54	08.5	+15.634—2.74	—0.065
179	B. D. +11°, 371	9	2	95.4	35	27.25	+3.2510 + 1.37		+12	00	47.0	+15.614—3.04	
180	12 Persei	5.5	3	97.0	35	37.22	+3.7709 + 3.60	—0.0022	+39	44	59.1	+15.605—3.53	—0.182
181	84 Ceti	6	2	96.4	2 35	51.15	+3.0558 + 0.77	+0.0116	— 1	08	32.8	+15.592—2.87	—0.128
182	B. D. —2°, 473	9	2	95.5	36	03.46	+3.0405 + 0.74		— 2	10	59.5	+15.580—2.86	
183	W. Arg. 1427	8	3	97.0	36	03.84	+2.5751—0.06	+0.0470	—30	35	19.3	+15.580—2.44	+0.041
184	W. Arg. 1436	9	3	95.9	37	08.55	+2.5688—0.06	+0.005	—30	45	40.0	+15.521—2.44	—0.253
185	Lal. 5019	8	2	97.5	37	23.60	+3.3641 + 1.77	+0.0296	+18	58	56.2	+15.507—3.16	0.000
186	Lal. 5029	6.5	3	97.0	2 37	45.56	+3.4721 + 2.18		+25	11	29.4	+15.486—3.28	
187	B. D. +11°, 376	9	3	95.9	38	37.09	+3.2562 + 1.38		+12	08	40.2	+15.439—3.09	
188	Lal. 5094	8	3	97.0	40	07.08	+3.4774 + 2.18	+0.017	+25	12	41.6	+15.354—3.32	—0.18
189	B. D. +11°, 384	9	3	96.0	40	50.25	+3.2571 + 1.37		+12	04	04.3	+15.314—3.13	
190	D'Agelet 539, fol. s.	8	2	97.5	41	31.83	+3.3698 + 1.76	+0.010	+18	56	08.8	+15.275—3.25	—0.17
191	B. D. —17°, 536	9	3	96.0	2 42	34.68	+2.7929 + 0.24		—17	48	34.1	+15.215—2.72	
192	Weisse 2 ^h , 722	8.5	2	96.4	44	14.69	+3.0937 + 0.88	+0.008	+ 1	22	32.6	+15.120—3.03	—0.05
193	Weisse 2 ^h , 1038	9	2	97.5	44	45.67	+3.3132 + 1.54	+0.020	+15	17	10.7	+15.090—3.25	—0.37
194	Lal. 5290	8.5	4	95.5	45	43.00	+3.1346 + 0.99	+0.007	+ 4	00	26.6	+15.035—3.09	—0.04
195	Lal. 5273-4	6	2	96.4	47	37.61	+4.6896 + 9.03	+0.022	+61	05	31.3	+14.924—4.64	0.00
196	Cinc. Z. 387	9	3	95.6	2 49	01.13	+2.7282 + 0.20		—20	57	42.4	+14.842—2.74	
197	W. Arg. 1550	9	3	95.0	49	35.57	+2.7347 + 0.21		—20	32	45.5	+14.808—2.75	
198	ρ Arietis	6	3	96.0	50	30.44	+3.3599 + 1.66	+0.0184	+17	36	15.3	+14.754—3.38	—0.196
199	Weisse 2 ^h , 883	9	3	97.0	52	43.78	+3.1271 + 0.97	0.000	+ 3	24	29.7	+14.622—3.19	—0.13
200	Weisse 2 ^h , 927	8	3	97.0	54	58.57	+3.1628 + 1.05	+0.0443	+ 5	34	23.1	+14.487—3.25	—0.152

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> . S.	P. M. S.	Decl. 1895.0. ° / "	Precession. 1895+ <i>t</i> . "	P. M. "
201	B. D. —17°, 581 . . .	9	4	96.0	2 55 04.45	+2.7921+0.32 <i>t</i>		—16 52 26.0	+14.481—2.88 <i>t</i>	
202	Lal. 5490-6	7	3	95.0	55 33.54	+4.7662+9.05	+0.1010	+61 18 43.4	+14.451—4.87	—0.687
203	τ ³ Eridani	4	3	95.0	57 45.74	+2.6551+0.16	—0.0123	—24 02 10.3	+14.317—2.78	—0.057
204	O. Arg. 3420	7	3	96.0	59 15.60	+4.8622+9.47		+62 13 58.3	+14.225—5.06	
205	Weisse 2 ^h , 1019 . . .	9.5	4	96.2	59 41.06	+2.9809+0.65		— 5 32 55.1	+14.199—3.13	
206	B. D. —16°, 562 . . .	9	2	95.5	3 01 51.20	+2.7863+0.34		—16 43 21.5	+14.064—2.96	
207	B. D. —16°, 566 . . .	9	3	96.0	02 11.72	+2.7856+0.34		—16 44 14.9	+14.043—2.96	
208	κ Persei	5	3	95.0	02 24.68	+4.0099+4.10	+0.0152	+44 27 34.2	+14.029—4.24	—0.150
209	Cinc. Z. 425	8.5	3.4	96.0	04 19.53	+2.7357+0.29		—19 16 52.6	+13.909—2.93	
210	Weisse 3 ^h , 43	9	3	95.7	06 00.06	+3.2567+1.26	0.000	+10 44 53.3	+13.803—3.50	—0.14
211	Lal. 5967	8	3	97.3	3 08 08.34	+3.3889+1.62	—0.003	+17 55 03.6	+13.667—3.67	—0.20
212	B. D. +56°, 800 . . .	8.5	2	95.5	08 19.12	+4.5742+6.95		+56 53 49.8	+13.655—4.94	
213	Lal. 6009	8.5	3	97.0	08 49.51	+2.7646+0.34	+0.009	—17 25 40.9	+13.623—3.02	—0.03
214	W. Arg. 1755	8.5	3	95.0	08 50.94	+2.7329+0.30		—19 05 53.1	+13.622—2.98	
215	Lal. 6042	8.5	4	97.5	10 50.17	+3.3427+1.47	+0.011	+15 16 30.7	+13.493—3.66	—0.23
216	W. Arg. 1775	9	3	95.0	3 10 52.76	+2.7178+0.30		—19 43 59.4	+13.490—2.99	
217	Cinc. Z. 441	9	2	95.5	11 01.15	+2.7176+0.30		—19 44 05.8	+13.482—2.99	
218	Lal. 6034-5	7.5	2	95.5	12 26.55	+4.5021+6.30		+55 09 16.2	+13.389—4.95	
219	Cinc. Z. 443	9	3	95.7	12 30.41	+2.6892+0.28		—21 04 05.0	+13.385—2.98	
220	95 Ceti	5.5	3	95.7	13 00.01	+3.0497+0.79	+0.0153	— 1 18 47.0	+13.353—3.39	—0.050
221	B. D. —17°, 640 . . .	9.5	4	95.5	3 14 01.25	+2.7635+0.36		—17 09 21.1	+13.286—3.07	
222	Cinc. Z. 447	9	3	95.7	15 18.16	+2.6891+0.29		—20 51 36.7	+13.202—3.01	
223	Lal. 6118	8	2	95.5	15 25.16	+4.5511+6.43		+55 45 00.5	+13.194—5.06	
224	Cinc. Z. 451	9	4	95.3	17 07.91	+2.7083+0.31		—19 46 23.1	+13.081—3.05	
225	Lal. 6204	7.5	2	95.5	18 13.11	+4.5679+6.38		+55 46 13.8	+13.008—5.12	
226	B. D. —17°, 664 . . .	9	3	96.0	3 20 46.08	+2.7540+0.37		—17 14 07.8	+12.838—3.14	
227	Cinc. Z. 463	9	3	95.7	21 35.21	+2.6743+0.30		—21 08 37.7	+12.783—3.06	
228	B. D. —19°, 675 . . .	9	4	96.7	21 38.76	+2.7168+0.34		—19 03 05.7	+12.778—3.10	
229	P. 3 ^h , 58	7.5	2	95.5	22 12.20	+4.5475+6.08		+55 00 41.9	+12.741—5.17	
230	Lal. 6410	9	2	98.0	22 26.54	+2.7155+0.34		—19 03 41.3	+12.725—3.12	
231	B. D. —17°, 669 . . .	9.5	2	95.5	3 23 32.51	+2.7390+0.37		—17 49 51.8	+12.651—3.15	
232	W. Arg. 1893	8.5	3	95.7	23 54.21	+2.7147+0.34		—19 00 54.0	+12.626—3.13	
233	B. D. —17°, 671 . . .	9	4.6	96.3	24 01.61	+2.7381+0.37		—17 50 39.8	+12.618—3.15	
234	Weisse 3 ^h , 472 . . .	8.5	3	95.7	25 12.05	+3.4609+1.70	—0.0106	+20 24 51.9	+12.538—4.00	—0.167
235	Lal. 6422	7	2	95.5	25 39.20	+4.5440+5.90		+54 37 07.1	+12.507—5.23	
236	Weisse 3 ^h , 529 . . .	9	4	97.3	3 28 07.06	+3.5121+1.79	+0.010	+22 38 18.5	+12.338—4.09	—0.14
237	W. Arg. 1946	9	5	95.4	28 59.95	+2.6789+0.32	+0.012	—20 25 33.7	+12.277—3.15	+0.05
238	Weisse 3 ^h , 485 . . .	8.5	3	95.7	29 04.90	+3.2363+1.14	0.000	+ 8 48 09.5	+12.271—3.76	—0.14
239	O. Arg. 3927	8.5	2	95.5	29 11.35	+4.5091+5.56		+53 38 06.1	+12.264—5.26	
240	10 Tauri	4.5	4	96.3	31 30.84	+3.0739+0.82	—0.0162	+ 0 04 04.9	+12.102—3.64	—0.498
241	W. Arg. 1983	8.5	4	96.3	3 32 31.17	+2.6375+0.31		—22 08 12.3	+12.031—3.13	
242	W. Arg. 1985	8.5	3	95.7	32 47.27	+2.6565+0.33		—21 14 36.2	+12.013—3.17	
243	Lal. 6703	8	3	97.7	33 32.18	+3.4222+1.51	+0.015	+18 02 51.7	+11.961—4.06	—0.21
244	W. Arg. 2006	9	3	95.7	34 59.93	+2.6547+0.33		—21 11 18.2	+11.857—3.17	
245	W. Arg. 2017	9	3	95.7	35 50.77	+2.6420+0.33		—21 43 04.7	+11.798—3.18	
246	Cinc. Z. 497	8.5	3	95.7	3 36 30.69	+2.6841+0.36		—19 43 45.6	+11.750—3.22	
247	Lal. 6793	8	2	97.5	37 24.16	+4.1860+3.84	+0.0300	+45 42 22.2	+11.687—5.02	—0.080
248	Cinc. Z. 503	9	3	95.7	38 00.73	+2.6574+0.34		—20 52 52.1	+11.644—3.21	
249	Cinc. Z. 508	8	3	95.7	39 43.91	+2.6430+0.33		—21 26 14.9	+11.521—3.21	
250	W. Arg. 2078	9	4	95.5	41 04.40	+2.6879+0.37		—19 18 00.3	+11.424—3.27	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.		Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.	Precession. 1895+ <i>t</i> .	P. M.
					H. M.	S.	S.	S.	° / "	"	"
251	Lacl. 1234	5.5	4	95.5	3 43	41.53	+2.4207+0.25 <i>t</i>	0.0000	—30 29 04.2	+11.235—2.99 <i>t</i>	—0.261
252	P. 3 ^h , 170	6	3	97.0	44 00	12	+3.5956+1.83	+0.0029	+25 15 43.1	+11 213—4.40	—0.117
253	P. 3 ^h , 175	8	2	97.5	45 07	72	+3.5875+1.79		+24 50 43.1	+11.131—4.40	
254	P. 3 ^h , 179	7.5	3	97.0	45 54	62	+3.5888+1.79	—0.0100	+24 51 05.9	+11.075—4.41	—0.172
255	Brad. 536	7	3	95.7	46 48	80	+3.0441+0.75	—0.0045	— 1 27 49.3	+11.008—3.75	—0.027
256	Groom. 752	8	2	96.5	3 46	53.96	+4.5089+4.79	+0.0100	+52 06 43.5	+11.002—5.56	—0.134
257	Cinc. Z. 530	9	4.3	95.5	47 51	18	+2.6315+0.34		—21 29 00.2	+10.932—3.27	
258	Lal. 7193	7.5	3	97.3	48 28	56	+3.4011+1.35	+0.0144	+16 18 36.2	+10.886—4.22	—0.183
259	Rüm. 1033	8	3	97.0	50 15	22	+3.5371+1.62	+0.012	+22 22 28.0	+10.755—4.40	—0.25
260	Cinc. Z. 553	8.5	4	95.5	56 23	08	+2.6140+0.35		—21 47 23.0	+10.299—3.32	
261	W Arg. 2262	9	3	95.7	3 57	09.01	+2.7354+0.45		—16 21 14.1	+10.242—3.47	
262	Lal. 7576	7.5	3	96.3	58 41	16	+2.6132+0.35		—21 42 30.3	+10.126—3.33	
263	Lal. 7645	7.5	3	96.0	4 00	35.89	+2.6104+0.35		—21 44 18.9	+ 9.981—3.35	
264	Lal. 7539	6.5	2	96.5	01 04	92	+4.7032+4.98	+0.0074	+54 33 04.2	+ 9.945—5.99	—0.090
265	Lacl. 1344	6	3	97.0	01 17	74	+2.4566+0.30	+0.0141	—27 56 23.2	+ 9.928—3.16	+0.090
266	D'Agelet 711	7.5	3	96.0	4 02	34.53	+3.5814+1.58		+23 35 30.1	+ 9.831—4.60	
267	D'Agelet 717	7.5	2	95.5	08 15	86	+3.5542+1.46		+22 11 08.0	+ 9.394—4.62	
268	Weisse 4 ^h , 102	9	2	96.5	08 18	68	+3.5522+1.46	+0.031	+22 05 35.5	+ 9.390—4.62	—0.29
269	Cinc. Z. 595	9	4	96.0	09 25	27	+2.6435+0.38		—19 55 01.5	+ 9.304—3.46	
270	Cinc. Z. 597	9	4	96.5	09 51	06	+2.6178+0.37		—20 59 24.1	+ 9.271—3.42	
271	Lal. 7997—8	8.5	2	96.5	4 11	21.51	+3.1616+0.83	+0.015	+ 4 16 53.8	+ 9.154—4.15	0.00
272	Cinc. Z. 605	9	4	95.5	13 11	36	+2.6346+0.38		—20 08 26.6	+ 9.011—3.47	
273	Weisse 4 ^h , 218	8	3	95.0	13 49	54	+3.3713+1.10	+0.004	+14 01 30.8	+ 8.961—4.42	—0.26
274	Groom. 819	8	3	97.0	14 31	99	+4.5889+3.98	+0.016	+51 41 37.6	+ 8.905—6.02	—0.12
275	W. Arg. 2494	9	4	96.0	16 22	63	+2.6332+0.38		—20 04 10.8	+ 8.761—3.49	
276	Cinc. Z. 615	8.5	3	96.0	4 16	40.75	+2.6243+0.38		—20 26 04.9	+ 8.737—3.48	
277	B. D. +14°, 696	9	3	96.0	19 21	91	+3.3824+1.07		+14 21 40.5	+ 8.525—4.50	
278	Cinc. Z. 625	8.5	4	95.5	19 25	11	+2.6121+0.37		—20 49 54.7	+ 8 521—3.48	
279	P. 4 ^h , 69	6	2	96.5	19 25	27	+3.8056+1.80	+0.0054	+31 12 05.2	+ 8.521—5.07	—0.123
280	B. D. +13°, 679	9	2	95.5	20 14	75	+3.3712+1.04		+13 50 24.0	+ 8.455—4.45	
281	Rüm. 2, 2291	8	3	96.0	4 20	28.49	+2.5961+0.37		—21 27 07.1	+ 8 437—3.47	
282	W. Arg. 2572	8.5	3	96.0	22 49	04	+2.6144+0.38		—20 36 29.8	+ 8.251—3.51	
283	Weisse 4 ^h , 432	9	3	95.0	22 56	47	+3.1978+0.81		+ 5 51 52.1	+ 8.241—4.29	
284	Lal. 8411	8	2	96.5	22 59	34	+3.4204+1.09	+0.0104	+15 55 35.5	+ 8.237—4.59	—0.045
285	Lal. 8453	8.5	3	96.0	23 04	46	+2.6387+0.38		—19 35 30.7	+ 8.230—3.55	
286	P. 4 ^h , 95	7	2	95.5	4 24	08.30	+3.5079+1.21		+19 36 41.0	+ 8.145—4.71	
287	B. D. —21°, 892	9	4.3	96.2	25 36	03	+2.6005+0.36		—21 04 37.4	+ 8.028—3.51	
288	Cinc. Z. 641	9	3	96.1	26 00	64	+2.5990+0.36		—21 07 18.1	+ 7.995—3.51	
289	D'Agelet 737, mean	7	2	95.5	27 28	24	+3.4672+1.12		+17 47 41.2	+ 7.878—4.68	
290	Cinc. Z. 653	9	3	96.0	30 09	86	+2.6370+0.38		—19 25 15.8	+ 7.660—3.58	
291	B. D. +14°, 729	8.5	3	96.0	4 31	36.17	+3.3835+0.97		+14 05 21.7	+ 7.544—4.60	
292	B. D. +15°, 659	9	3	96.0	31 43	44	+3.4077+0.99		+15 08 04.7	+ 7.534—4.63	
293	W. Arg. 2731	8.5	3	95.0	35 47	15	+2.6012+0.36		—20 42 01.7	+ 7.204—3.57	
294	Lal. 8876—7	8.5	2	96.5	38 00	58	+3.6271+1.22	+0.0025	+23 53 15.0	+ 7.022—4.98	—0.064
295	W. Arg. 2771	9	5	96.7	39 07	21	+2.5929+0.36		—20 55 32.9	+ 6.931—3.58	
296	Lal. 8934	7.5	3	97.0	4 39	18.68	+3.0807+0.62	—0.0090	+ 0 22 25.1	+ 6.915—4.24	—0.050
297	B. D. +15°, 675	9	3	96.0	39 51	06	+3.4265+0.95		+15 44 15.7	+ 6.870—4.73	
298	P. 4 ^h , 190	7	2	95.5	42 33	23	+3.4954+1.00	+0.0134	+18 32 02.5	+ 6.648—4.84	—0.384
299	B. D. +15°, 685	8	2	95.5	43 02	10	+3.4269+0.92		+15 40 41.5	+ 6.608—4.75	
300	Cinc. Z. 688	9	4	95.5	43 12	73	+2.6098+0.36		—20 07 55.9	+ 6.594—3.62	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.		Precession. 1895+t.	P. M.	Decl. 1895.0.			Precession. 1895+t.	P. M.
					H. M.	S.	S.	S.	°	'	"	"	"
301	B. D. +15°, 696 . . .	8.5	3	95.4	4 45	25.95	+3 4287+0.89 t		+15 42	07.3		+6.410—4.76 t	
302	Lal. 9152	7.5	3	97.0	46 46.44		+3.1021+0.59	0.000	+ 1 19	58.6		+6.299—4.32	—0.08
303	W. Arg. 2865	9	4	95.5	46 51.54		+2.5774+0.35		—21 18	50.4		+6.291—3.60	
304	W. Arg. 2885	9	4.3	96.3	48 35.22		+2.5982+0.36		—20 26	49.1		+6.148—3.63	
305	D'Agelet 765	7.5	2	95.5	48 48.05		+3.5187+0.96		+19 18	53.4		+6.130—4.91	
306	P. 4 ^h , 236	6	3	96.0	4 49 07.10		+3.2427+0.69		+ 7 36	31.4		+6.103—4.53	
307	Lal. 9215	8	2	97.5	49 29.08		+3.5323+0.97	+0.0105	+19 50	30.2		+6.073—4.93	—0.345
308	Cinc. Z. 705	9	4.3	95.5	50 23.53		+2.5742+0.34		—21 20	22.2		+5.997—3.61	
309	W. Arg. 2938	8.5	3.4	97.0	52 30.14		+2.5504+0.34		—22 12	09.9		+5.821—3.58	
310	Weisse 4 ^h , 1121	9	3	95.1	53 24.22		+3.2701+0.69		+ 8 46	07.5		+5.745—4.60	
311	Weisse 4 ^h , 1193	8.5	3	97.0	4 55 12.32		+3.6573+1.04	+0.010	+24 29	20.5		+5.594—5.16	—0.26
312	Cinc. Z. 721	9	4	95.6	55 46.14		+2.5785+0.34		—21 02	10.7		+5.547—3.64	
313	D'Agelet 770	8	2	95.5	56 24.40		+3.3874+0.76		+13 45	37.2		+5.493—4.77	
314	Cinc. Z. 722	9	4	95.6	56 26.84		+2.5815+0.34		—20 54	15.8		+5.490—3.64	
315	Lacl. 1686	5	3	97.0	57 53.58		+2.4325+0.32	+0.0050	—26 25	27.4		+5.368—3.45	—0.085
316	Cinc. Z. 725	8.5	3	95.1	4 57 59.83		+2.5678+0.33		—21 24	01.9		+5.360—3.63	
317	P. 4 ^h , 288	7	2	95.5	59 20.75		+3.5336+0.87		+19 39	42.7		+5.245—4.99	
318	Lal. 9736	8.5	3	95.0	5 03 38.45		+2.5591+0.34	—0.0005	—21 36	22.0		+4.882—3.65	—0.125
319	W. Arg. 3114	9	3	95.1	05 55.26		+2.5937+0.33		—20 13	29.7		+4.688—3.70	
320	Pul. 2, 465	9	4	97.6	08 03.10		+3.5407+0.77	+0.016	+19 45	57.4		+4.506—5.05	—0.25
321	Cinc. Z. 754	9	3	95.1	5 08 24.55		+2.5916+0.32		—20 15	28.2		+4.476—3.71	
322	B. D. +14°, 854	9	2	95.5	08 26.82		+3.4063+0.66		+14 21	40.9		+4.473—4.86	
323	D'Agelet 786	8	2	95.6	08 46.45		+4.4236+1.70		+46 01	22.2		+4.445—6.31	
324	Cinc. Z. 757	8.5	3.4	95.6	09 37.57		+2.5898+0.32		—20 18	30.5		+4.372—3.70	
325	18 Orionis	6	3	96.1	10 14.10		+3.3316+0.60		+11 13	23.1		+4.320—4.76	
326	Cinc. Z. 759	8.5	3	95.1	5 11 08.17		+2.5628+0.32		—21 18	52.0		+4.243—3.67	
327	Weisse 5 ^h , 194	8.5	2	95.5	11 32.58		+3.4082+0.65		+14 24	04.0		+4.209—4.88	
328	B. D. +30°, 851	8	3	96.1	11 45.49		+3.8355+0.96		+30 15	52.3		+4.190—5.49	
329	Cinc. Z. 761	9	4	95.6	12 14.96		+2.5736+0.31		—20 52	51.3		+4.148—3.69	
330	W. Arg. 3201	9	3	95.1	12 45.66		+2.5716+0.31		—20 56	57.6		+4.104—3.69	
331	P. 5 ^h , 43	8	2	95.5	5 14 06.75		+3.5358+0.70		+19 28	12.5		+3.988—5.07	
332	P. 5 ^h , 49	7.5	3	97.1	14 20.23		+3.1277+0.47	0.000	+ 2 24	27.2		+3.969—4.48	—0.098
333	P. 5 ^h , 48	7	3	96.1	14 44.39		+3.5422+0.70		+19 42	27.9		+3.934—5.08	
334	D'Agelet 828	6.5	2	95.6	15 27.78		+4.2098+1.26		+40 55	32.3		+3.873—6.04	
335	Cinc. Z. 772	9	3	95.1	15 30.79		+2.5901+0.31		—20 11	45.8		+3.868—3.72	
336	Cinc. Z. 773	9	4	95.9	5 15 55.56		+2.6076+0.31		—19 30	47.0		+3.832—3.74	
337	Cinc. Z. 777	8.5	3	94.1	16 35.13		+2.5478+0.30		—21 47	18.6		+3.776—3.67	
338	Weisse 5 ^h , 416	8.5	3	97.7	17 21.76		+3.4714+0.62	0.000	+16 53	08.7		+3.709—5.00	—0.135
339	Lal. 10071	8	2	96.6	17 30.89		+3.4799+0.62	+0.0150	+17 13	26.4		+3.696—5.01	0.000
340	P. 5 ^h , 63	6	3	96.1	17 52.56		+3.8637+0.88		+31 02	43.0		+3.665—5.55	
341	Cinc. Z. 784	9	4	95.6	5 19 19.74		+2.5694+0.31		—20 55	39.8		+3.540—3.70	
342	B. D. +15°, 829	9	3	96.1	22 16.45		+3.4288+0.54		+15 06	48.6		+3.286—4.95	
343	B. D. +11°, 816	9	2	95.6	22 41.86		+3.3516+0.51		+11 56	33.5		+3.249—4.84	
344	B. D. +30°, 912	8.5	3	96.1	23 01.84		+3.8503+0.78		+30 30	47.6		+3.221—5.56	
345	Cinc. Z. 799	8.5	3	96.1	23 39.79		+2.5795+0.29		—20 29	01.9		+3.166—3.73	
346	Weisse 5 ^h , 656	8.5	2	95.6	5 25 03.45		+3.5067+0.56		+18 11	09.1		+3.046—5.07	
347	Weisse 5 ^h , 662	8.5	2	97.6	25 12.26		+3.4441+0.53	—0.002	+15 42	12.4		+3.033—4.98	—0.37
348	D'Agelet 863	7	2	95.6	25 30.82		+3.5063+0.56		+18 09	56.0		+3.006—5.07	
349	B. D. +32°, 1025	8.5	2	95.6	26 06.35		+3.9177+0.77		+32 34	58.6		+2.955—5.66	
350	Cinc. Z. 807	8.5	2	95.6	26 39.96		+2.5534+0.29		—21 25	46.8		+2.906—3.69	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> . S.	P. M. S.	Decl. 1895.0. ° / //	Precession. 1895+ <i>t</i> . "	P. M. "
351	B. D. +15°, 849 . . .	9	2	95.5	5 26 41.32	+3.4320+0.50 <i>t</i>		+15 11 59.3	+2.904—4.96 <i>t</i>	
352	Rüm. 1464	8.5	2	97.6	26 54.25	+3.5533+0.56	0.000	+19 58 05.5	+2.886—5.14	—0.33
353	Lal. 10397, maj. . . .	8.5	2	97.6	27 06.65	+3.4488+0.51	+0.0020	+15 52 19.1	+2.868—5.00	—0.147
354	Lal. 10431	8.5	2	95.6	29 35.14	+4.4815+1.10	+0.004	+46 45 18.8	+2.653—6.49	—0.01
355	Cinc. Z. 823	9	2	95.6	30 01.93	+2.5991+0.28		—19 39 32.5	+2.615—3.77	
356	Lal. 10598	8	3	95.4	5 31 15.67	+2.5895+0.27		—20 00 52.4	+2.508—3.76	
357	Cinc. Z. 830	8	4	96.6	32 31.96	+2.6163+0.27		—18 58 17.3	+2.397—3.80	
358	Weisse 5 ^h , 1038 . . .	9	2	95.6	35 22.96	+3.8973+0.60		+31 49 14.6	+2.150—5.66	
359	Cinc. Z. 838	9	4.5	94.6	35 23.67	+2.5599+0.27		—21 05 34.4	+2.149—3.72	
360	Cinc. Z. 839	9	4	95.8	35 24.67	+2.6158+0.27		—18 58 03.0	+2.147—3.80	
361	Lal. 10716	8	3	97.8	5 35 33.33	+3.4329+0.42	+0.005	+15 09 54.4	+2.135—4.98	—0.22
362	B. D. +11°, 910 . . .	9	2	95.5	35 49.18	+3.3365+0.39		+11 13 42.9	+2.112—4.85	
363	B. D. +14°, 985 . . .	9	3	96.1	35 55.62	+3.4234+0.41		+14 46 50.3	+2.102—4.97	
364	Lal. 10815	7.5	2	96.6	37 08.42	+2.6992+0.28	+0.0211	—15 40 46.8	+1.997—3.93	—0.107
365	Cinc. Z. 848	9	2	95.6	38 25.19	+2.5594+0.26		—21 05 03.2	+1.885—3.73	
366	Weisse 5 ^h , 928 . . .	8	3	96.1	5 38 45.56	+3.4176+0.39		+14 31 48.4	+1.856—4.97	
367	Cinc. Z. 849	8.5	3	95.4	38 49.24	+2.5693+0.26		—20 42 43.7	+1.851—3.74	
368	Weisse 5 ^h , 932 . . .	8.5	2	95.6	38 54.02	+3.4179+0.39		+14 32 36.3	+1.844—4.97	
369	D'Agelet 914	6.5	3	96.1	39 06.87	+3.3761+0.37		+12 50 35.5	+1.825—4.91	
370	Brad. 836	7.5	2	97.6	40 03.88	+2.5221+0.26	—0.0229	—22 27 22.8	+1.742—3.67	—0.350
371	B. D. +31°, 1086 . .	8.5	2	95.6	5 40 08.93	+3.9024+0.51		+31 55 30.8	+1.735—5.68	
372	P. 5 ^h , 218	8.5	2	97.6	41 30.56	+3.4467+0.36	—0.002	+15 40 45.6	+1.616—5.02	—0.146
373	Groom. 1024	6.5	3	96.8	42 35.67	+4.7473+0.79	+0.0173	+51 28 55.6	+1.522—6.91	—0.043
374	D'Agelet 923	6.5	3	96.1	43 02.49	+3.7671+0.43		+27 31 01.2	+1.483—5.48	
375	P. 5 ^h , 239	5.5	3	96.1	44 15.60	+3.3039+0.31		+ 9 50 18.0	+1.376—4.81	
376	P. 5 ^h , 236	6	3	96.1	5 44 21.19	+3.7799+0.42		+27 56 10.7	+1.368—5.51	
377	W. Arg. 3680	8.5	3	95.4	46 46.65	+2.5782+0.24		—20 19 27.4	+1.157—3.76	
378	W. Arg. 3684	8.5	3	96.1	46 56.40	+2.6101+0.24		—19 06 40.4	+1.142—3.80	
379	Weisse 5 ^h , 1483 . . .	8.5	4	96.6	47 36.22	+3.9224+0.38		+32 28 53.9	+1.084—5.72	
380	Lal. 11145	8	3	96.1	48 05.33	+3.3662+0.29	0.0000	+12 24 15.0	+1.042—4.89	—0.289
381	W. Arg. 3727	8.5	3	95.8	5 50 06.20	+2.6158+0.23		—18 52 45.1	+0.866—3.82	
382	D'Agelet 954	7.5	3	96.1	50 30.31	+3.6738+0.29		+24 14 01.4	+0.830—5.36	
383	D'Agelet 963-4 . . .	7.5	3	96.1	52 22.83	+3.7175+0.27		+25 45 59.5	+0.667—5.42	
384	W. Arg. 3781	8.5	4	95.1	54 17.99	+2.6103+0.22		—19 04 53.1	+0.499—3.81	
385	W. Arg. 3789	9	3	96.1	54 47.60	+2.5281+0.22		—22 09 51.4	+0.456—3.69	
386	B. D. +14°, 1115 . .	9	3	96.1	5 56 14.08	+3.4278+0.21		+14 52 53.4	+0.330—5.00	
387	B. D. +32°, 1178 . .	9	2	95.7	58 00.78	+3.9139+0.19		+32 10 59.0	+0.174—5.71	
388	W. Arg. 3841	9	4	94.4	58 08.10	+2.5974+0.21		—19 34 13.7	+0.163—3.79	
389	D'Agelet 988	7	3	96.1	6 00 51.96	+3.4656+0.17		+16 22 36.8	—0.076—5.05	
390	Lal. 11575	8.5	3	97.1	01 04.21	+3.4704+0.16	+0.004	+16 34 09.1	—0.093—5.06	—0.08
391	W. Arg. 3905	8.5	3	96.1	6 02 08.81	+2.5289+0.21		—22 08 02.1	—0.188—3.69	
392	P. 5 ^h , 338	7.5	3	96.1	03 12.62	+3.6183+0.13		+22 12 23.7	—0.281—5.28	
393	Lal. 11698	7.5	3	95.1	04 22.57	+3.4017+0.14	+0.001	+13 50 00.5	—0.383—4.96	—0.10
394	W. Arg. 3949	9	4	96.6	04 57.08	+2.5973+0.19		—19 34 35.2	—0.433—3.79	
395	B. D. +14°, 1180 . .	8	3	96.1	05 22.68	+3.4182+0.13		+14 29 46.8	—0.471—4.98	
396	W. Arg. 4010	9	4	95.1	6 08 15.36	+2.5403+0.20	—0.013	—21 43 27.1	—0.722—3.70	—0.33
397	Weisse 6 ^h , 128	8.5	3	95.1	09 11.36	+4.3967—0.15	—0.028	+44 44 55.1	—0.804—6.40	—0.33
398	42 Aurigae	6.5	2	96.6	09 45.11	+4.4780—0.18	—0.0078	+46 27 30.8	—0.853—6.52	0.000
399	W. Arg. 4095	8	4	95.1	12 51.46	+2.5413+0.18		—21 42 15.2	—1.125—3.70	
400	Lal. 12038	6.5	3	97.1	13 37.43	+3.4567+0.03		+16 03 21.9	—1.191—5.03	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> . S.	P. M. S.	Decl. 1895 0. ° / "	Precession. 1895+ <i>t</i> . "	P. M. "
401	D'Agelet 1029-30 . . .	6	3	96.1	6 14 04.93	+3.4225+0.04 <i>t</i>		+14 41 43.0	-1.231-4.98 <i>t</i>	
402	D'Agelet 1028	7	5	96.9	14 15.37	+3.5884+0.00		+21 08 07.9	-1.246-5.22	
403	Cinc. Z. 987	9	4	95.1	15 13.50	+2.6072+0.17		-19 14 05.7	-1.331-3.79	
404	Lal. 12218	8.5	3	95.1	17 07.27	+2.5297+0.20	+0.0012	-22 09 31.4	-1.497-3.67	-0.244
405	Lal. 12230	7.5	2	96.6	18 43.16	+3.3391+0.01		+11 18 43.3	-1.636-4.85	
406	P. 6 ^h , 89	6.5	3	96.1	6 19 10.02	+3.6487-0.09		+23 23 04.6	-1.675-5.30	
407	Lal. 12253	8	4.3	98.1	19 30.61	+3.3386+0.01		+11 17 31.3	-1.705-4.85	
408	Lal. 12268	8	3	98.1	19 50.67	+3.3383+0.01		+11 16 45.7	-1.734-4.85	
409	Lal. 12262	7	3	97.8	20 00.98	+3.5265-0.06	-0.0110	+18 49 15.5	-1.749-5.12	-0.124
410	W. Arg. 4244	8.5	4	95.9	21 20.87	+2.5508+0.16		-21 24 24.0	-1.865-3.69	
411	Lal. 12293-6	7.5	3	95.1	6 21 42.75	+4.0592-0.31	-0.0285	+36 33 01.6	-1.897-5.88	-0.220
412	B. D. -20°, 1390 . . .	9	5.4	94.2	22 31.38	+2.5660+0.16		-20 50 55.2	-1.967-3.71	
413	Lal. 12373	8	3	97.8	22 57.25	+3.5001-0.09	-0.0075	+17 48 58.8	-2.005-5.07	-0.170
414	Cinc. Z. 1022	9	5.4	94.2	22 57.65	+2.5656+0.16		-20 52 01.7	-2.006-3.71	
415	Fed. 923	7.5	2	96.6	23 39.71	+4.9666-1.00	-0.002	+54 55 41.8	-2.066-7.20	-0.17
416	D'Agelet 1063-4 . . .	6.5	4	96.6	6 25 04.90	+3.4792-0.09		+17 00 43.1	-2.190-5.04	
417	D'Agelet 1066	7.5	3	96.1	25 39.93	+3.6164-0.16		+22 15 34.2	-2.241-5.23	
418	Lal. 12450	9	2	96.6	25 54.68	+4.0804-0.42		+37 11 17.8	-2.263-5.90	
419	Cinc. Z. 1041	9	5	94.3	27 00.96	+2.6114+0.14		-19 09 22.7	-2.358-3.77	
420	W. Arg. 4352	8.5	3	95.4	27 02.13	+2.5372+0.15		-21 57 48.3	-2.360-3.66	
421	Groom. 1178	6.5	2	96.6	6 27 07.18	+5.2132-1.41	+0.0139	+58 11 35.2	-2.367-7.54	-0.206
422	D'Agelet 1070-1 . . .	7.5	3	96.1	27 47.86	+3.6142-0.18		+22 12 14.2	-2.426-5.23	
423	P. 6 ^h , 152	7	3	96.1	28 50.53	+3.4601-0.11		+16 17 14.2	-2.517-5.00	
424	Weisse 6 ^h , 883	7	4.3	95.7	31 41.71	+3.3607-0.09	-0.005	+12 16 36.3	-2.764-4.85	-0.28
425	W. Arg. 4433	9	4	94.9	31 48.68	+2.5590+0.14		-21 12 03.8	-2.775-3.68	
426	Lal. 12758	7	3	96.1	6 32 49.88	+2.7698+0.10	-0.0030	-12 53 31.4	-2.863-3.99	-0.172
427	Cinc. Z. 1067	9	3	95.1	33 08.51	+2.6114+0.13		-19 13 11.1	-2.890-3.75	
428	Lal. 12760	9	2	97.6	33 57.05	+3.4316-0.17	+0.001	+15 11 18.7	-2.959-4.94	-0.136
429	Lal. 12780	8	3	96.1	34 28.03	+3.4954-0.20	+0.001	+17 44 16.5	-3.004-5.03	-0.07
430	W. Arg. 4497	8.5	3	96.1	35 01.58	+2.5470+0.13		-21 41 28.2	-3.053-3.66	
431	Cinc. Z. 1076	8.5	3	95.1	6 36 53.89	+2.5727+0.13		-20 44 54.2	-3.215-3.69	
432	Groom. 1213	6	2	95.6	37 08.00	+4.3741-0.95		+44 36 35.4	-3.235-6.28	
433	Lal. 12867	7	2	96.6	37 53.74	+4.1587-0.76	0.0000	+39 28 38.9	-3.300-5.96	-0.145
434	W. Arg. 4571	9	3	95.1	38 13.90	+2.6122+0.11		-19 15 07.3	-3.330-3.74	
435	Lal. 12949	9	3	97.1	38 31.85	+3.2180-0.09		+ 6 17 56.0	-3.355-4.61	
436	Fed. 967-8, mean . . .	6.5	2	96.6	6 39 26.72	+5.0120-1.82	+0.005	+55 49 08.5	-3.434-7.18	-0.100
437	Lal. 13004	8.5	3.4	97.1	40 57.18	+3.7211-0.43		+26 14 32.2	-3.564-5.32	
438	Cinc. Z. 1095	8.5	4.3	94.8	41 10.14	+2.5786+0.12		-20 35 00.8	-3.583-3.68	
439	Cinc. Z. 1102	9	3	95.1	42 31.32	+2.6067+0.11		-19 31 31.9	-3.699-3.72	
440	D'Agelet 1130-1 . . .	6	3	96.1	42 36.05	+4.0855-0.79		+37 37 45.8	-3.706-5.84	
441	58 Aurigæ	5.5	2	95.6	6 43 20.51	+4.2509-0.99	-0.0054	+41 54 16.4	-3.770-6.08	-0.132
442	Fed. 978	7.5	3	96.9	43 57.72	+4.8893-1.85	0.000	+54 09 56.9	-3.823-6.98	-0.07
443	W. Arg. 4710	8	3	96.1	45 08.54	+2.6144+0.10		-19 15 55.9	-3.924-3.72	
444	Lal. 13162	7	3	96.1	45 29.55	+3.7058-0.49	0.000	+25 47 11.1	-3.954-5.28	+0.038
445	W. Arg. 4732	9	3	95.1	45 59.88	+2.5897+0.11		-20 14 14.8	-3.998-3.68	
446	B. D. +25°, 1476 . . .	8.5	4	98.1	6 46 14.28	+3.7059-0.50		+25 48 10.7	-4.019-5.28	
447	Lal. 13279-80	7	3	97.1	48 18.62	+3.6650-0.50	-0.0070	+24 22 43.3	-4.195-5.21	-0.108
448	Lal. 13288, mean . . .	8	2	96.6	48 44.41	+3.8362-0.65	+0.0162	+30 18 01.5	-4.232-5.45	-0.228
449	Rüm. 2024	8.5	2	96.6	49 09.18	+4.1772-1.05	+0.013	+40 13 14.6	-4.268-5.93	-0.39
450	Weisse 6 ^h , 1458 . . .	8	3	95.1	50 33.42	+3.5760-0.44		+21 06 12.0	-4.387-5.07	

No.	NAME	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0.		Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.	Precession. 1895+ <i>t</i> .	P. M.
					H. M.	S.	S.	S.	° / "	"	"
451	Lal. 13396-7.	8	2	96.6	6 51	26.98	+3.6268—0.50 <i>t</i>	—0.0133	+23 02 04.8	—4.464—5.13 <i>t</i>	—0.130
452	62 Aurigæ	6.5	3	96.1	51	53.58	+4.0976—1.01	—0.0055	+38 11 46.2	—4.502—5.80	—0.111
453	Lal. 13425.	8.5	2	96.6	52	17.16	+3.7885—0.67	—0.002	+28 48 08.9	—4.535—5.36	—0.123
454	Bonn vi, 6 ^h , 183 . . .	8.5	2	95.6	52	25.15	+2.5737+0.10		—20 57 49.3	—4.547—3.64	
455	Lal. 13591.	7	2	95.6	55	10.28	+2.5623+0.09		—21 27 29.1	—4.781—3.61	
456	D'Agelet 1205	6.5	3	96.1	6 56	29.89	+3.4646—0.41		+16 49 30.3	—4.894—4.88	
457	Weisse 6 ^h , 1742 . . .	8	3	95.1	58	09.77	+3.0077—0.08		— 2 52 19.4	—5.034—4.22	
458	Cinc. Z. 1180	9	4	94.6	7 00	25.87	+2.6078+0.08		—19 48 25.2	—5.227—3.65	
459	Lal. 13759.	9	2	96.7	00	59.45	+3.2741—0.29	+0.005	+ 8 52 45.4	—5.273—4.58	—0.14
460	Lal. sup. 217	8.5	2	97.6	01	13.40	+3.5260—0.53	+0.0120	+19 22 23.8	—5.293—4.94	—0.148
461	45 Geminorum	6.5	4	96.6	7 02	20.74	+3.4442—0.45	—0.0016	+16 05 53.5	—5.388—4.81	—0.100
462	B. D. +15°, 1482 . . .	8	2	97.6	03	06.21	+3.4317—0.45	—0.011	+15 35 45.4	—5.452—4.79	—0.34
463	Lal. 13809.	8	2	96.6	03	09.83	+3.7193—0.76	0.000	+26 41 29.9	—5.457—5.19	—0.09
464	Weisse 6 ^h , 1885-6 . . .	7.5	2	96.7	03	20.22	+3.4589—0.47	—0.011	+16 43 12.9	—5.471—4.82	—0.15
465	Groom. 1270	7	2	96.7	03	54.31	+4.1592—1.39	—0.0061	+40 12 56.9	—5.519—5.80	—0.105
466	Cinc. Z. 1193	8	4	94.2	7 03	55.24	+2.5577+0.09		—21 49 54.7	—5.520—3.56	
467	Lal. 13856.	8.5	2	96.7	04	07.20	+3.6522—0.69	—0.008	+24 16 51.0	—5.537—5.09	—0.09
468	Brad. 1036.	8	2	95.7	05	17.12	+3.4285—0.46		+15 30 17.0	—5.635—4.77	
469	B. D. —3°, 1783	9.5	3	95.2	05	59.45	+2.9992—0.11		— 3 16 27.0	—5.694—4.17	
470	B. D. +1°, 1727	9.5	4	94.2	07	21.16	+3.1051—0.19		+ 1 27 17.4	—5.809—4.29	
471	52 Geminorum	6	2	95.7	7 08	16.74	+3.6703—0.77	+0.0034	+25 04 02.3	—5.886—5.09	—0.087
472	Lal. 14000.	8	2	96.7	08	47.79	+4.0338—1.31	0.000	+36 58 05.3	—5.929—5.59	—0.108
473	Lal. 14045.	8	2	96.7	08	53.06	+3.2777—0.35	—0.0035	+ 9 07 38.0	—5.937—4.55	—0.107
474	Cinc. Z. 1217	9	3	95.5	09	12.17	+2.5755+0.08		—21 16 39.4	—5.963—3.56	
475	Weisse 7 ^h , 231.	9	2	97.6	09	50.56	+3.5087—0.59		+18 52 40.5	—6.017—4.85	
476	Lal. 14056.	8	2	95.6	7 10	20.36	+4.0047—1.28		+36 10 59.9	—6.058—5.57	
477	Lal. 14128-9.	8	3	97.2	11	08.77	+3.1185—0.22	+0.004	+ 2 04 02.1	—6.126—4.30	—0.110
478	W. Arg. 5292	8.5	3	95.5	11	24.56	+2.5997+0.07		—20 23 17.5	—6.147—3.58	
479	P. 7 ^h , 52, mean	7	3	97.2	11	54.04	+3.2850—0.37	—0.0033	+ 9 28 57.5	—6.188—4.53	—0.107
480	B. D. +9°, 1517	9	4	98.1	14	08.87	+3.2832—0.39		+ 9 26 02.3	—6.375—4.51	
481	W. Arg. 5369	8.5	3	95.5	7 14	36.64	+2.5766+0.07		—21 23 04.0	—6.413—3.53	
482	Lal. 14288.	8	3	97.9	15	22.67	+2.9305—0.11		— 6 24 26.1	—6.477—4.01	
483	Lal. 14340.	7	2	95.7	17	03.50	+3.0925—0.23	+0.0027	+ 0 54 05.8	—6.616—4.24	—0.080
484	Cinc. Z. 1258	9	3	94.2	18	05.46	+2.5892+0.06		—20 59 31.5	—6.701—3.53	
485	Schjel. 2669.	9	2	97.7	18	27.38	+2.8774—0.08		— 8 48 38.0	—6.731—3.92	
486	63 Geminorum	6	3	96.2	7 21	30.48	+3.5703—0.80	—0.0056	+21 39 35.3	—6.982—4.85	—0.098
487	Cinc. Z. 1275	8	3	96.2	21	37.54	+2.6118+0.05		—20 11 38.0	—6.992—3.54	
488	B. D. —1°, 1722	9.5	3	94.2	22	09.85	+3.0488—0.22		— 1 05 21.1	—7.036—4.13	
489	Weisse 7 ^h , 579.	9	3	97.9	22	23.24	+3.5249—0.75	+0.010	+19 52 24.1	—7.054—4.78	—0.26
490	Weisse 7 ^h , 618.	8	4	96.7	22	26.30	+3.0505—0.22		— 1 00 41.0	—7.059—4.13	
491	B. D. —0°, 1727	9	2	96.1	7 22	56.58	+3.0495—0.22		— 1 03 24.8	—7.100—4.13	
492	Lal. 14557.	8	2	96.7	23	16.04	+2.9204—0.11		— 6 56 41.2	—7.126—3.95	
493	Weisse 7 ^h , 605.	9	2	97.7	23	22.96	+3.4781—0.70	+0.003	+17 59 00.5	—7.136—4.71	—0.12
494	P. 7 ^h , 120	6	3	96.2	24	19.61	+2.9120—0.12	+0.0040	— 7 20 18.8	—7.213—3.94	+0.155
495	Weisse 7 ^h , 635.	8.5	2	97.7	24	21.17	+3.5068—0.74	+0.002	+19 11 30.1	—7.215—4.74	—0.41
496	Cinc. Z. 1292	8.5	3	94.2	7 25	23.00	+2.6051+0.06		—20 34 46.0	—7.299—3.50	
497	D'Agelet 1303	6	3	96.2	25	45.16	+3.4604—0.70		+17 18 34.3	—7.329—4.67	
498	Yarnall 3126	7.5	5	94.6	25	53.31	+2.6053+0.06		—20 35 20.1	—7.340—3.50	
499	B. D. +17°, 1598. . . .	9	4	98.1	26	58.99	+3.4590—0.71		+17 16 59.8	—7.429—4.66	
500	B. D. +17°, 1601. . . .	9	4	98.1	27	08.08	+3.4609—0.71		+17 22 13.0	—7.441—4.66	

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501	69 <i>v</i> Geminorum . . .	4.5	2	95.6	7 29 27.26	+3.7061—1.11 <i>t</i>	—0.0030	+27 07 45.4	— 7.630—4.97 <i>t</i>	—0.095
502	P. 7 ^h , 143	6.5	4	96.7	29 27.44	+3.1483—0.40		+ 3 30 16.4	— 7.630—4.21	
503	Lal. 14844—6	7.5	3	97.2	30 30.46	+2.6877+0.03	—0.002	—17 19 20.9	— 7.715—3.62	+0.13
504	P. 7 ^h , 144	7	2	96.6	30 55.16	+3.5310—0.84	0.000	+20 23 36.7	— 7.748—4.71	—0.100
505	Lal. 14859—61	7	3	96.2	31 55.61	+3.3859—0.65	0.000	+14 16 48.0	— 7.829—4.51	—0.070
506	Weisse 7 ^h , 880	9	5	98.0	7 32 17.27	+3.4849—0.79	0.000	+18 31 52.2	— 7.858—4.64	—0.14
507	71 Geminorum	5.5	3	97.2	32 18.72	+3.9282—1.58	—0.0044	+34 49 29.9	— 7.860—5.24	—0.109
508	Lal. 14895	7.5	2	96.7	33 09.91	+3.2497—0.48	+0.0026	+ 8 12 21.8	— 7.929—4.36	—0.054
509	Weisse 7 ^h , 954	8.5	2	97.7	33 16.81	+3.2503—0.48		+ 8 14 03.8	— 7.938—4.36	
510	P. 7 ^h , 156	6.5	2	95.7	33 27.04	+4.4538—2.83	—0.0084	+48 22 35.0	— 7.951—5.95	—0.152
511	D'Agelet 1360	7	2	95.7	7 34 41.39	+3.5989—1.00		+23 15 40.5	— 8.051—4.78	
512	Cinc. Z. 1335	9	3	95.2	34 47.18	+2.6387+0.04		—19 31 05.5	— 8.059—3.49	
513	P. 7 ^h , 174	7.5	3	95.2	35 17.10	+3.1649—0.39	—0.0041	+ 4 19 01.2	— 8.099—4.19	—0.089
514	Cinc. Z. 1336	8	3	95.2	35 18.57	+2.5797+0.07		—21 57 09.6	— 8.101—3.40	
515	P. 7 ^h , 179	6.5	2	95.7	37 06.99	+3.5810—1.00		+22 38 48.8	— 8.245—4.73	
516	Lal. 15068	8.5	3	96.2	7 37 51.62	+2.6495+0.03		—19 10 18.9	— 8.304—3.48	
517	Cinc. Z. 1352	9	3	95.2	38 02.34	+2.6191+0.05		—20 26 43.5	— 8.319—3.44	
518	Weisse 7 ^h , 1164	9	4	94.0	40 26.36	+3.0535—0.29		— 0 54 13.6	— 8.509—4.00	
519	Weisse 7 ^h , 1195	8	3	95.9	41 48.45	+3.2830—0.56	—0.006	+ 9 53 09.3	— 8.618—4.30	+0.17
520	W. Arg. 6007	8	2	95.7	41 53.82	+2.6023+0.05		—21 17 21.0	— 8.624—3.39	
521	B. D. —21°, 2218	9.5	3	95.5	7 42 11.31	+2.6023+0.05		—21 18 13.2	— 8.648—3.39	
522	Mün. I, 2746	8.5	5	94.4	43 15.64	+3.0625—0.31		— 0 29 00.8	— 8.732—3.99	
523	Weisse 7 ^h , 1197, mean	9	3	97.2	43 59.61	+3.6276—1.17	0.0000	+24 47 31.3	— 8.790—4.72	+0.120
524	B. D. +30°, 1579	9	2	95.7	44 05.75	+3.7643—1.45		+29 55 57.7	— 8.798—4.90	
525	D'Agelet 1395	7.5	3	96.2	44 20.62	+3.6179—1.16		+24 25 32.6	— 8.817—4.71	
526	Brad. 1130	6.5	2	96.7	7 44 37.15	+2.5220+0.08	—0.0030	—24 39 00.5	— 8.839—3.26	+0.025
527	6 Navis	6	3	95.2	44 56.54	+2.7069—0.01	+0.0030	—16 57 40.6	— 8.864—3.50	—0.115
528	Cinc. Z. 1387	9	3	95.2	45 17.81	+2.5997+0.05		—21 32 20.2	— 8.892—3.36	
529	Mün. I, 2792	8.5	2	97.7	47 18.46	+2.9275—0.18		— 6 56 07.7	— 9.050—3.77	
530	D'Agelet 1404—5	8	3	96.2	47 19.43	+3.6763—1.31	+0.0053	+26 50 27.3	— 9.051—4.75	—0.148
531	P. 7 ^h , 245	7	3	95.2	7 47 35.66	+2.7844—0.05	0.0000	—13 35 24.3	— 9.072—3.58	—0.058
532	Lal. 15394	8	3	95.2	48 47.05	+3.4942—0.96	+0.0070	+19 31 25.4	— 9.165—4.49	—0.435
533	B. D. —13°, 2296	8.5	2	95.7	49 46.56	+2.7848—0.05		—13 38 08.5	— 9.242—3.56	
534	Weisse 7 ^h , 1352—3	7.5	2	96.7	50 05.39	+3.5723—1.13	0.000	+22 51 10.2	— 9.266—4.59	—0.15
535	B. D. +31°, 1700	8.5	2	95.7	50 30.05	+3.7960—1.62		+31 24 47.3	— 9.298—4.87	
536	B. D. +1°, 1953	9	4	96.7	7 51 03.74	+3.0955—0.38		+ 1 06 34.7	— 9.342—3.95	
537	D'Agelet 1413	7	3	96.2	52 59.13	+3.9398—2.02		+36 22 01.1	— 9.490—5.02	
538	Cinc. Z. 1412	8.5	4	96.6	53 34.98	+2.6587+0.03		—19 23 16.5	— 9.536—3.37	
539	W. Arg. 6270	8	4	95.6	53 37.42	+2.5158+0.11	+0.0294	—25 20 11.6	— 9.539—3.18	—0.251
540	Weisse 7 ^h , 1570	8.5	2	95.7	55 08.02	+3.1493—0.46		+ 3 44 44.4	— 9.655—3.98	
541	Lal. 15682	8	2	96.6	7 55 44.54	+2.7206—0.01	0.000	—16 44 41.5	— 9.702—3.43	—0.11
542	Cinc. Z. 1427	8.5	3	95.2	56 09.06	+2.6489+0.04		—19 55 27.7	— 9.733—3.34	
543	P. 7 ^h , 269	7.5	3	95.9	56 35.42	+4.9462—5.62	—0.0130	+58 04 12.4	— 9.767—6.26	—0.106
544	Brad. 1153	5	3	97.2	56 48.21	+3.1261—0.43	—0.0032	+ 2 37 21.3	— 9.783—3.94	+0.120
545	Cinc. Z. 1432	8.5	4	94.7	57 16.15	+2.6437+0.04		—20 12 00.8	— 9.818—3.32	
546	Lal. 15730	8.5	2	96.7	7 58 37.32	+3.5877—1.26	—0.0108	+23 54 44.8	— 9.922—4.51	—0.030
547	W. Arg. 6388	8	2	95.6	59 31.26	+2.6155+0.06		—21 31 10.9	— 9.990—3.26	
548	P. 7 ^h , 297	7	2	95.7	59 41.20	+3.3573—0.82		+13 48 10.0	—10.003—4.20	
549	Lal. 15830	8	4	94.7	59 45.36	+2.6252+0.06		—21 06 53.3	—10.007—3.27	
550	Schjel. 2953	9	3	97.9	8 00 10.01	+2.9283—0.20		— 7 06 30.5	—10.039—3.66	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0.		Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.	Precession. 1895+ <i>t</i> .	P. M.
					H. M.	S.	S.	S.	° / "	"	"
551	Brad. 1158.	7.5	3	95.2	8 00	22.49	+3.5578—1.22 <i>t</i>	—0.0120	+22 45 30.0	—10.054—4.45 <i>t</i>	—0.040
552	Lac. 3152.	7	3	94.9	02 42.30		+2.4329+0.15	+0.0240	—29 05 23.4	—10.231—3.01	—0.42
553	Lal. 15911.	8	3	95.2	02 53.38		+3.1816—0.55		+ 5 40 21.1	—10.244—3.95	
554	Lal. 15939.	7.5	2	97.7	04 13.25		+3.3756—0.88	—0.0040	+14 49 08.5	—10.344—4.17	—0.135
555	W. Arg. 6540	8.5	3	94.2	05 11.07		+2.6234+0.06		—21 28 02.1	—10.417—3.22	
556	D'Agelet 1458	7.5	2	97.7	8 05 51.21		+3.4178—0.98	—0.0030	+16 50 35.7	—10.466—4.20	—0.280
557	Lal. 16091.	8.5	3	95.2	07 42.94		+2.9356—0.22	+0.0120	— 6 53 13.5	—10.605—3.59	—0.083
558	Weisse 8 ^h , 142.	9	2	97.7	08 22.76		+2.9461—0.23		— 6 22 28.8	—10.654—3.59	
559	Lal. 16214.	8	3	94.2	10 52.73		+2.5878+0.10		—23 19 00.3	—10.839—3.13	
560	D'Agelet 1472	7.5	2	95.7	11 03.40		+3.8909—2.24		+36 03 08.5	—10.852—4.72	
561	Cinc. Z. 1491	9	3	95.2	8 12 24.73		+2.6596+0.05		—20 14 39.0	—10.952—3.20	
562	Weisse 8 ^h , 298.	8.5	3	97.2	13 54.62		+3.1051—0.46	—0.013	+ 1 40 05.9	—11.061—3.73	—0.07
563	W. Arg. 6723	8.5	3	95.2	14 11.04		+2.6268+0.08		—21 48 25.8	—11.081—3.15	
564	Lal. 16369.	7.5	2	95.7	15 50.85		+3.0997—0.45	+0.0020	+ 1 24 01.9	—11.202—3.69	—0.128
565	P. 8 ^h , 40	6	3	95.9	15 51.40		+4.5741—4.95	—0.0060	+53 33 26.8	—11.203—5.49	—0.123
566	W. Arg. 6761	8.5	2	95.7	8 16 19.18		+2.6226+0.09		—22 07 04.3	—11.236—3.12	
567	Cinc. Z. 1504	8.5	3	94.9	16 38.88		+2.6870+0.04		—19 13 11.4	—11.260—3.20	
568	B. D. +22°, 1921.	9	2	96.7	17 19.66		+3.5229—1.32	+0.023	+22 11 32.9	—11.309—4.19	—0.20
569	Weisse 8 ^h , 460.	9	3	95.2	19 49.53		+3.0388—0.37		— 1 45 51.1	—11.489—3.58	
570	φ ¹ Cancri	6	2	95.7	20 04.60		+3.6606—1.72	—0.0041	+28 14 21.3	—11.507—4.33	—0.107
571	Weisse 8 ^h , 480	9	2	97.7	8 20 24.61		+2.9742—0.27		— 5 08 29.6	—11.531—3.50	
572	P. 8 ^h , 80	7	2	95.7	23 31.28		+3.6137—1.63		+26 32 33.1	—11.752—4.24	
573	B. D. —22°, 2283	9	3	95.2	23 41.26		+2.6212+0.11		—22 38 01.6	—11.764—3.05	
574	Lal. 16688—90	8.5	3	97.2	24 04.57		+2.7724—0.03	+0.0130	—15 31 03.5	—11.792—3.22	—0.134
575	W. Arg. 6901	8.5	2	95.7	24 36.60		+2.6649+0.07		—20 41 30.3	—11.830—3.09	
576	P. 8 ^h , 78	7	3	95.9	8 24 40.70		+4.5294—5.13	—0.0015	+53 28 12.0	—11.835—5.28	—0.095
577	B. D. +3°, 1993	9	2	95.7	24 59.37		+3.1444—0.55		+ 3 48 39.4	—11.856—3.65	
578	B. D. +30°, 1721	9	2	95.7	26 13.41		+3.7113—1.95		+30 44 34.1	—11.943—4.30	
579	W. Arg. 6954	8.5	2	95.7	27 19.48		+2.6736+0.08		—20 26 51.2	—12.021—3.07	
580	Cinc. Z. 1541	9	3	96.6	27 48.53		+2.6790+0.08		—20 13 22.5	—12.054—3.07	
581	Weisse 8 ^h , 698.	7	3	95.2	8 29 11.48		+3.0658—0.44	—0.0150	— 0 22 00.1	—12.151—3.51	+0.030
582	P. 8 ^h , 104	7.5	2	95.7	29 42.70		+3.4618—1.29		+20 08 00.1	—12.187—3.96	
583	P. 8 ^h , 108, pr. s.	7	3	95.2	30 16.04		+3.2025—0.67	—0.0090	+ 6 59 11.2	—12.226—3.66	—0.109
584	Weisse 8 ^h , 675, mean.	8.5	3	97.2	30 46.41		+3.5351—1.49	—0.008	+23 36 49.9	—12.261—4.04	—0.10
585	Cinc. Z. 1555	9	3	95.2	31 14.95		+2.6941+0.07		—19 43 06.5	—12.294—3.05	
586	B. D. —1°, 2088	9	3	95.2	8 31 56.13		+3.0416—0.39		— 1 41 14.5	—12.341—3.44	
587	Lal. 16964.	7	2	96.7	32 34.89		+3.5419—1.53	—0.0065	+24 03 26.4	—12.385—4.01	—0.135
588	Lal. 17005.	8.5	3	97.2	32 40.49		+2.9537—0.25		— 6 27 26.1	—12.392—3.34	
589	Lal. 17008.	7.5	2	96.7	32 42.46		+2.9539—0.25	—0.0180	— 6 26 29.8	—12.394—3.34	+0.077
590	B. D. +31°, 1852	9	2	95.7	32 50.07		+3.7004—2.02		+30 51 58.2	—12.403—4.18	
591	W. Arg. 7062	9	2	95.7	8 33 20.89		+2.6858+0.09		—20 14 59.1	—12.438—3.02	
592	W. Arg. 7093	8	2	95.7	34 50.25		+2.6605+0.11		—21 33 21.3	—12.540—2.97	
593	Lal. 17110.	7.5	3	97.2	35 04.25		+2.7554—0.02	0.000	—16 55 39.6	—12.557—3.08	—0.19
594	W. Arg. 7101	8.5	5	94.0	35 15.34		+2.6722+0.10		—21 01 27.8	—12.569—2.98	
595	Lal. 17122.	8.5	3	95.2	35 46.46		+3.0429—0.39	—0.0123	— 1 38 20.5	—12.604—3.40	0.000
596	Brad. 1228.	8	2	95.7	8 35 48.32		+3.4561—1.33		+20 14 53.2	—12.606—3.86	
597	B. D. +20°, 2189.	9	2	95.7	36 18.17		+3.4588—1.34		+20 24 41.8	—12.610—3.86	
598	9 Hydræ	5.5	3	95.2	36 51.07		+2.7841—0.01	0.0000	—15 33 57.5	—12.677—3.10	—0.077
599	Harvard A. G. 3214	8.5	3	94.2	38 08.49		+4.5073—5.62		+54 17 45.9	—12.765—5.01	
600	Lal. 17209.	8.5	2	96.7	38 32.38		+3.1630—0.63	—0.0090	+ 5 01 16.0	—12.793—3.53	—0.040

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> . S.	P. M. S.	Decl. 1895.0. ° / "	Precession. 1895+ <i>t</i> . "	P. M. "
601	Cinc. Z. 1583	8.5	3	94.2	8 38 35.86	+2.6647+ 0.12 <i>t</i>		—21 37 11.7	—12.796—2.94 <i>t</i>	
602	Weisse 8 ^h , 963.	8.5	3	96.2	39 07.69	+3.1617— 0.63		+ 4 57 21.0	—12.831—3.49	
603	P. 8 ^h , 156	7.5	2	97.7	39 31.09	+3.4298— 1.28	—0.0100	+19 11 53.7	—12.857—3.78	+0.030
604	Lal. 17257.	8	3	95.2	39 43.79	+2.9308— 0.21	+0.010	— 7 52 23.5	—12.871—3.22	—0.10
605	Lal. 17254.	7.5	3	96.2	41 10.78	+3.9276— 3 00		+39 58 56.6	—12.968—4.31	
606	Weisse 8 ^h , 1014	8.5	4	96.7	8 41 29.65	+3.2520— 0.84		+ 9 59 19.6	—12.988—3.56	
607	B. D. —22°, 2390.	9	4	95.7	41 48.41	+2.6535+ 0.15		—22 23 24.2	—13.010—2.89	
608	P. 8 ^h , 170	7	3	96.5	42 53.25	+3.3053— 0.98		+12 56 02.1	—13.082—3.60	
609	B. D. —10°, 2646.	9	4	95.7	43 18.97	+2.8791— 0.12		—10 49 40.3	—13.111—3.13	
610	P. 8 ^h , 179	7.5	2	95.7	44 43.55	+3.4072— 1.26		+18 23 37.7	—13.204—3.68	
611	P. 8 ^h , 180	7	3	96.2	8 44 46.60	+3.4234— 1.31		+19 13 25.2	—13.207—3.70	
612	Lal. 17438—9.	7	2	96.7	45 08.93	+3.0058— 0.33	+0.003	— 3 48 11.3	—13.231—3.24	—0.115
613	54 Cancri	6.5	2	96.7	45 10.56	+3.3557— 1.12	—0.0097	+15 44 23.3	—13.233—3.63	+0.079
614	Weisse 8 ^h , 1122	8	3	95.2	45 35.49	+3.2266— 0.79		+ 8 43 50.5	—13.261—3.47	
615	W. Arg. 7279	9	3	95.2	46 09.33	+2.6725+ 0.15		—21 47 38.8	—13.297—2.86	
616	Weisse 8 ^h , 1098	9	4	97.5	8 46 30.04	+3.4923— 1.53	+0.002	+22 46 55.9	—13.320—3.75	—0.16
617	D'Agelet 1619	7	2	95.7	48 06.12	+3.5856— 1.86		+27 19 18.0	—13.424—3.83	
618	Lal. 17557.	8.5	2	97.7	48 48.82	+3.3755— 1.21	—0.012	+17 00 36.5	—13.471—3.59	0.00
619	Lal. 17582.	8	3	95.3	48 51.24	+2.8460— 0.06	+0.001	—12 53 18.0	—13.473—3.01	—0.12
620	Weisse 8 ^h , 1219	7	3	95.2	49 07.60	+2.9854— 0.29	—0.028	— 5 02 13.5	—13.491—3.17	+0.04
621	Cinc. Z. 1617	9	3	95.0	8 51 07.18	+2.6876+ 0.15		—21 25 32.0	—13.619—2.82	
622	W. Arg. 7358	9	3	95.0	51 14.23	+2.7065+ 0.13		—20 28 06.9	—13.627—2.84	
623	Lal. 17671.	8.5	2	96.7	51 58.02	+3.1554— 0.65	—0.005	+ 4 50 19.2	—13.673—3.30	—0.125
624	Lal. 17664.	8.5	4	95.5	52 28.34	+3.5440— 1.77		+25 47 11.1	—13.706—3.72	
625	Lal. 17673.	7.5	3	95.0	52 39.35	+3.5443— 1.77	—0.003	+25 48 52.8	—13.717—3.70	—0.17
626	B. D. +3°, 2106	9	3	96.2	8 52 59.10	+3.1230— 0.57		+ 2 57 46.5	—13.739—3.26	
627	P. 8 ^h , 224	7	3	95.3	53 15.01	+3.3989— 1.29	—0.0042	+18 32 36.8	—13.755—3.55	—0.070
628	Lal. sup. 563	9	2	96.7	54 43.05	+3.4607— 1.51	+0.021	+21 52 22.4	—13.849—3.59	—0.31
629	W. Arg. 7411	8.5	3	94.3	55 01.87	+2.6878+ 0.17		—21 43 41.5	—13.868—2.77	
630	Cinc. Z. 1629	9	3	95.0	55 48.76	+2.7260+ 0.13		—19 48 20.2	—13.919—2.81	
631	P. 8 ^h , 235	7.5	3	95.2	8 55 57.19	+3.0365— 0.38	—0.0122	— 2 08 56.6	—13.927—3.12	—0.025
632	Cinc. Z. 1631	9	3	96.3	56 20.13	+2.6925+ 0.18		—21 35 44.5	—13.951—2.76	
633	Groom. 1504	7	3	95.2	56 47.49	+3.8284— 2.93	—0.0080	+38 15 33.8	—13.980—3.94	—0.160
634	B. D. +11°, 1966	8.5	2	95.7	57 05.70	+3.2676— 0.94		+11 30 49.8	—13.998—3.36	
635	W. Arg. 7448	8.5	4	94.7	57 35.83	+2.7078+ 0.16		—20 54 07.3	—14.030—2.77	
636	Groom. 1509	8	3	96.6	8 57 54.27	+3.9897— 3.71	—0.0126	+43 52 25.6	—14.049—4.09	—0.095
637	Lal. 17875	8.5	2	95.7	58 06.41	+3.1539— 0.65		+ 4 52 25.1	—14.062—3.22	
638	Lal. 17874	8.5	2	96.7	58 15.18	+3.2676— 0.95	+0.003	+11 34 14.1	—14.071—3.34	—0.08
639	Lal. 17883	7.5	2	96.7	58 56.53	+3.4805— 1.62	—0.0110	+23 14 44.4	—14.113—3.55	+0.140
640	W. Arg. 7469	9	3	95.0	59 00.31	+2.7381+ 0.13		—19 24 30.9	—14.118—2.77	
641	Groom. 1514	6.5	2	95.7	9 00 08.81	+3.8294— 3.02	+0.0180	+38 41 55.4	—14.188—3.88	0.000
642	Cinc. Z. 1643	9	2	95.8	00 14.44	+2.6983+ 0.19		—21 37 27.4	—14.194—2.72	
643	B. D. +3°, 2141	9	3	96.2	00 49.78	+3.1295— 0.59		+ 3 27 25.2	—14.231—3.15	
644	Lal. 17954, fol. n.	7.5	3	97.2	01 23.93	+3.4792— 1.64	—0.0130	+23 24 08.4	—14.266—3.51	+0.045
645	τ Ursæ maj.	5	3	95.2	02 15.70	+4.9865—10.35	+0.0142	+63 56 25.5	—14.319—5.03	—0.069
646	P. 8 ^h , 254	6.5	2	95.8	9 02 24.51	+3.7109— 2.54	—0.0153	+34 18 33.3	—14.328—3.74	—0.120
647	B. D. +8°, 2167	9.5	2	98.2	02 27.17	+3.2045— 0.80		+ 8 01 55.8	—14.330—3.20	
648	Lal. 18024.	9	3	97.2	03 02.79	+3.2045— 0.80	+0.004	+ 8 02 47.2	—14.366—3.20	—0.10
649	W. Arg. 7547	8.5	2	95.8	03 59.08	+2.7057+ 0.20		—21 33 31.6	—14.424—2.68	
650	P. 8 ^h , 263	7	2	95.8	04 03.98	+3.2698— 0.98		+11 59 30.6	—14.429—3.25	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.		Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.	Precession. 1895+ <i>t</i> .	P. M.
					H. M.	S.	S.	S.	° / "	"	"
651	B. D. +0°, 2466	9	3	97.3	9 04	16.00	+3.0831—0.48 <i>t</i>		+ 0 38 56.0	—14.441—3.06 <i>t</i>	
652	Cinc. Z. 1651	8.5	3	95.0	04	18.01	+2.7533+0.14		—18 59 46.0	—14.443—2.73	
653	Weisse 9 ^h , 23	9	3	96.3	04	19.46	+3.0827—0.48		+ 0 37 26.9	—14.444—3.06	
654	Cinc. Z. 1655	9	4	94.8	05	10.64	+2.7309+0.17		—20 17 52.5	—14.496—2.69	
655	Lal. 18101	8.5	3	95.2	06	10.80	+3.6935—2.54	+0.0100	+34 01 46.9	—14.557—3.64	+0.040
656	B. D. +2°, 2157	9	3	96.3	9 06	24.40	+3.1067—0.54		+ 2 07 41.5	—14.570—3.04	
657	Lal. 18132	8.5	2	96.8	06	43.93	+3.4266—1.51	—0.0024	+21 06 23.4	—14.590—3.36	—0.100
658	D'Agelet 1701—2	7.5	2	95.8	07	15.64	+3.2521—0.94		+11 06 01.6	—14.621—3.18	
659	Brad. 1300	6	2	95.8	08	47.63	+3.7102—2.67	—0.0130	+35 03 59.8	—14.713—3.62	+0.055
660	W. Arg. 7617	9	3	96.3	08	50.60	+2.7543+0.16		—19 19 00.5	—14.716—2.67	
661	Weisse 9 ^h , 129	8	2	96.8	9 09	06.71	+3.4729—1.70	—0.0105	+23 48 53.5	—14.732—3.37	—0.145
662	Cinc. Z. 1662	9	2	95.8	09	10.30	+2.7129+0.22		—21 38 22.4	—14.735—2.62	
663	Weisse 9 ^h , 137	8.5	2	95.8	10	11.93	+3.9258—3.74		+43 23 50.9	—14.796—3.80	
664	Weisse 9 ^h , 154	8.5	4	95.8	10	21.03	+3.3070—1.13	+0.002	+14 34 11.5	—14.805—3.22	—0.28
665	P. 9 ^h , 25	7	2	97.8	10	33.56	+3.3871—1.40	—0.0135	+19 14 51.7	—14.817—3.26	0.000
666	D'Agelet 1713—4	7	2	95.7	9 10	53.42	+3.6779—2.56	0.000	+33 56 29.7	—14.837—3.54	—0.110
667	Cinc. Z. 1672	9	3	95.6	12	32.02	+2.7338+0.21		—20 47 28.1	—14.933—2.60	
668	Cinc. Z. 1676	9	3	95.0	13	05.56	+2.7628+0.17		—19 11 51.6	—14.966—2.62	
669	Lal. 18359	8.5	3	97.2	14	10.44	+3.6742—2.60	+0.005	+34 12 22.8	—15.029—3.48	—0.135
670	D'Agelet 1725—6, m. . .	6.5	2	95.8	14	24.73	+3.7791—3.10		+38 37 58.2	—15.042—3.58	
671	D'Agelet, 1733	8	3	95.3	9 15	53.76	+3.3781—1.40	—0.0050	+19 11 43.9	—15.128—3.16	—0.102
672	P. 9 ^h , 59	6.5	2	95.8	15	57.33	+2.8347+0.07	+0.0030	—15 10 11.4	—15.131—2.65	—0.112
673	Lal. 18460	8.5	2	95.8	16	06.90	+2.7443+0.22		—20 32 06.0	—15.140—2.56	
674	Lal. 18472	8.5	3	97.3	16	38.25	+2.8002+0.14	+0.0025	—17 18 31.5	—15.170—2.60	—0.090
675	B. D. +43°, 1909 . . .	8	2	95.8	17	30.50	+3.8966—3.78		+43 25 46.7	—15.220—3.64	
676	Lal. 18481	8	2	96.8	9 17	51.78	+3.4028—1.52	—0.0115	+20 48 44.4	—15.240—3.16	+0.030
677	D'Agelet 1739—40 . . .	7.5	2	95.8	17	53.42	+3.7281—2.92		+37 02 15.2	—15.242—3.46	
678	Lal. 18484—5	9	4	95.5	18	12.14	+3.3870—1.46	+0.002	+19 55 44.9	—15.260—3.14	—0.14
679	W. Arg. 7761	8	2	95.8	18	46.35	+2.7342+0.26		—21 22 18.9	—15.292—2.51	
680	Cinc. Z. 1698	9	3	95.6	19	47.60	+2.7741+0.20		—19 08 13.8	—15.350—2.54	
681	D'Agelet 1757—9	7	2	95.8	9 20	12.37	+3.7174—2.92		+36 54 42.7	—15.373—3.41	
682	Lal. 18563	8.5	3	97.3	20	36.15	+3.5055—1.95	—0.001	+26 48 32.4	—15.395—3.20	—0.16
683	Lal. 18600, mean . . .	7	3	97.3	21	45.30	+3.1725—0.74	—0.0122	+ 6 41 33.0	—15.459—2.87	—0.150
684	Lal. 18593	8.5	2	96.8	22	31.03	+3.8252—3.54	—0.0168	+41 35 15.3	—15.502—3.46	—0.094
685	Lal. 18613	7.5	4	95.6	22	44.95	+3.2702—1.08	—0.0081	+13 08 08.2	—15.515—2.96	—0.13
686	Lal. 18596	9	2	95.8	9 22	49.67	+3.8758—3.83	—0.014	+43 29 33.0	—15.519—3.51	—0.03
687	Weisse 9 ^h , 433	9	2	96.8	22	51.54	+3.4004—1.55	—0.027	+21 10 01.9	—15.521—3.08	—0.12
688	Lal. 18672—3	7.5	3	97.3	24	26.75	+3.1625—0.71	—0.0360	+ 6 06 41.2	—15.609—2.83	+0.120
689	Weisse 9 ^h , 484	8.5	3	95.3	24	57.23	+3.2362—0.96	—0.014	+11 03 39.1	—15.636—2.91	0.00
690	Weisse 9 ^h , 485	8.5	4	95.8	24	58.10	+3.2362—0.96	—0.014	+11 03 45.9	—15.637—2.91	0.00
691	Cinc. Z. 1717	9	2	95.8	9 25	03.77	+2.7373+0.30		—21 50 28.8	—15.642—2.43	
692	Lal. 18715	6	2	95.8	25	24.17	+2.8471+0.10	—0.0100	—15 06 55.0	—15.661—2.52	—0.075
693	Lal. 18718	8	2	96.8	26	48.30	+3.6996—2.96	—0.006	+37 07 03.3	—15.737—3.27	—0.24
694	Cinc. Z. 1730	8.5	2	95.8	28	05.59	+2.7385+0.32		—22 06 18.1	—15.807—2.39	
695	Cinc. Z. 1735	8.5	3	95.6	29	00.78	+2.7839+0.25		—19 25 46.7	—15.856—2.42	
696	Lal. 18822	8.5	3	97.3	9 29	04.89	+3.1301—0.62	+0.0010	+ 4 01 17.6	—15.860—2.72	+0.130
697	P. 9 ^h , 120	7	3	96.3	29	17.79	+3.2631—1.07		+13 07 21.8	—15.871—2.85	
698	Lal. 18802	8.5	2	95.8	29	28.39	+3.8454—3.84	—0.0130	+43 26 07.5	—15.881—3.36	0.000
699	W. Arg. 7961	8.5	2	95.8	31	44.10	+2.7477+0.34		—21 57 37.6	—16.001—2.35	
700	Cor. D. —23°, 8555 . .	9	4	94.6	32	09.07	+2.7168+0.39		—23 52 34.1	—16.023—2.32	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800 +	R. A. 1895.0.		Precession. 1895 + <i>t</i> .	P. M.	Decl. 1895 0.	Precession. 1895 + <i>t</i> .	P. M.
					H. M.	S.	S.	S.	° / "	"	"
701	Lal. 18939.	8.5	3	97.3	9 32	27.90	+2.8124+0.22 <i>t</i>	+0.0085	—17 58 00.2	—16.039—2.39 <i>t</i>	+0.020
702	Lal. 18914-5.	8	3	95.3	32 37.78		+3.4215—1.73	—0.006	+23 31 25.5	—16.047—2.92	—0.125
703	2 Sextantis	5	4.3	95.8	32 58.78		+3.1443—0.67	—0.0112	+ 5 07 24.2	—16.066—2.67	—0.038
704	W. Arg. 7992	8.5	2	95.8	33 34.31		+2.7683+0.32		—20 53 25.5	—16.097—2.34	
705	Lal. 18916.	8	2	96.8	33 52.27		+4.1323—5.88	—0.0132	+53 05 44.4	—16.112—3.51	—0.105
706	Groom. 1569, fol. . . .	7	3	95.0	9 34 52.33		+3.7231—3.28	+0.0070	+39 25 48.2	—16.165—3.14	—0.161
707	Cinc. Z. 1756	9	4	94.6	35 11.63		+2.7954+0.28		—19 20 29.8	—16.181—2.34	
708	W. Arg. 8014	9	2	95.8	35 12.80		+2.7832+0.30		—20 08 02.1	—16.182—2.33	
709	Cinc. Z. 1759	8.5	2	95.8	36 37.07		+2.7672+0.34		—21 18 49.7	—16.255—2.29	
710	15 f Leonis	5.5	4	95.8	37 24.00		+3.5308—2.30	—0.0031	+30 27 25.1	—16.294—2.96	—0.092
711	Lal. 19093	6	3	97.3	9 37 30.05		+2.7349+0.41	—0.0288	—23 26 39.0	—16.300—2.26	+0.246
712	Cinc. Z. 1763	8.5	2	95.8	37 30.05		+2.7892+0.31		—19 59 58.4	—16.300—2.30	
713	Lal. 19080.	7.5	3	97.3	37 53.82		+3.2652—1.11	+0.0040	+13 55 25.0	—16.320—2.69	—0.084
714	D'Agelet 1855-6. . . .	7.5	2	95.8	37 56.96		+3.6204—2.77		+35 12 05.7	—16.323—2.99	
715	Lal. 19084	7.5	2	96.8	37 57.17		+3.2236—0.95	+0.005	+11 00 07.4	—16.323—2.66	—0.117
716	Lal. 19095.	8.5	3	95.0	9 38 24.86		+3.2263—0.96		+11 13 27.5	—16.346—2.65	
717	Lal. 19107-9.	9	2	96.8	39 37.82		+3.7257—3.41	—0.0220	+40 21 15.5	—16.407—3.05	0.000
718	Cinc. Z. 1773	8.5	3	95.6	39 48.45		+2.7706+0.37		—21 28 30.8	—16.416—2.25	
719	Lal. 19160	8.5	3	95.3	40 27.74		+3.0535—0.36	0.000	— 1 25 39.6	—16.449—2.47	—0.070
720	D'Agelet 1881-6. . . .	6	2	95.8	41 25.03		+3.4130—1.78		+24 07 59.0	—16.497—2.75	
721	Cinc. Z. 1783	8.5	3	96.3	9 41 36.12		+2.7683+0.38		—21 50 30.8	—16.506—2.22	
722	Lal. 19199.	7.5	3	95.3	41 42.42		+3.0709—0.42	+0.003	— 0 07 48.2	—16.511—2.47	—0.10
723	Lal. 19218.	9	2	96.8	43 21.82		+3.7494—3.66	0.0000	+42 02 23.7	—16.593—3.00	—0.164
724	W. Arg. 8125	8.5	2	95.8	43 34.77		+2.8076+0.32		—19 28 24.1	—16.604—2.22	
725	D'Agelet 1890.	7.5	2	95.8	43 50.13		+3.8361—4.23		+45 34 32.6	—16.616—3.05	
726	Lal. 19271.	7.5	3	97.3	9 43 50.99		+2.8175+0.30	+0.004	—18 49 28.9	—16.617—2.22	—0.07
727	Weisse 9 ^h , 945	9	4	97.3	45 12.44		+2.9178+0.07		—11 47 13.8	—16.683—2.29	
728	Weisse 9 ^h , 954	9.5	4	97.3	45 55.12		+2.9184+0.07	+0.0821	—11 47 48.4	—16.717—2.28	—1.560
729	Cinc. Z. 1798	8.5	2	95.8	45 55.78		+2.7896+0.38		—20 58 18.6	—16.718—2.17	
730	Weisse 9 ^h , 968	8.5	3	97.3	46 47.20		+3.1202—0.58	—0.027	+ 3 42 49.6	—16.760—2.42	+0.03
731	Lacl. 4056.	7	3	97.3	9 48 15.93		+2.7048+0.56	—0.0228	—26 50 27.7	—16.830—2.08	+0.100
732	Lal. 19388.	8.5	2	96.8	48 22.61		+2.8745+0.20		—15 15 13.8	—16.835—2.20	
733	P. 9 ^h , 202	7	2	95.8	48 33.16		+3.1819—0.81		+ 8 34 10.7	—16.844—2.45	
734	W. Arg. 8193	9	3	96.3	48 57.99		+2.7798+0.44		—22 02 05.9	—16.864—2.12	
735	D'Agelet 1923	7	4	95.3	49 08.71		+3.4116—1.85	—0.001	+25 08 12.7	—16.872—2.61	—0.100
736	Lal. 19409.	9	2	96.8	9 50 24.54		+3.6625—3.30	—0.0170	+39 28 31.3	—16.931—2.78	—0.012
737	Lal. 19460.	7	3	97.3	50 35.70		+2.8543+0.27		—16 58 18.5	—16.940—2.16	
738	Lal. 19470.	8	3	95.3	50 51.36		+2.8092+0.38	+0.009	—20 14 48.2	—16.952—2.11	—0.07
739	D'Agelet 1929-30 . . .	7.5	2	97.8	50 55.05		+3.2669—1.18	—0.003	+15 13 34.4	—16.955—2.46	—0.11
740	Cinc. Z. 1814	9	3	95.0	50 59.96		+2.7988+0.41		—20 59 43.5	—16.959—2.11	
741	Lal. 19473.	7	2	96.8	9 51 21.50		+3.1316—0.62	—0.0139	+ 4 44 32.1	—16.976—2.36	—0.047
742	D'Agelet 1933	8	2	95.8	51 53.67		+3.3401—1.55		+20 40 15.7	—17.000—2.50	
743	Lal. 19475.	8.5	2	96.8	52 27.25		+3.7534—3.96		+43 57 14.6	—17.026—2.81	
744	D'Agelet 1943-4	7.5	2	95.8	53 02.30		+3.2152—0.96		+11 27 37.5	—17.054—2.39	
745	Groom. 1595	7	2	94.8	53 34.77		+3.7218—3.77	—0.0010	+42 49 12.2	—17.078—2.76	—0.070
746	W. Arg. 8252	8.5	3	96.3	9 53 37.36		+2.8076+0.42		—20 43 28.3	—17.080—2.07	
747	P. 9 ^h , 217	7.5	3	97.3	53 54.42		+4.0216—6.01	+0.0157	+53 37 44.6	—17.094—2.98	—0.044
748	Weisse 9 ^h , 1129	8	4	95.8	54 43.20		+3.1549—0.72	—0.012	+ 6 45 12.1	—17.130—2.35	+0.07
749	W. Arg. 8265	9	3	94.3	54 48.47		+2.8052+0.43		—21 03 34.3	—17.134—2.05	
750	Weisse 9 ^h , 1136	8.5	2	95.8	55 21.99		+3.1787—0.81		+ 8 43 22.0	—17.160—2.33	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.		Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.		Precession. 1895+ <i>t</i> .	P. M.
					H. M.	S.	S.	S.	°	'	''	''
751	Lal. 19584	8.5	2	96.8	9 56	20.61	+3.2678—1.21	<i>t</i>	+15 52	04.1	—17.204—2.38	<i>t</i>
752	Cinc. Z. 1827	8	3	95.0	56	22.69	+2.7916+0.49		—22 15	38.6	—17.206—2.02	
753	Lal. 19593	8.5	2	96.8	56	47.37	+3.2569—1.16	+0.0100	+15 04	08.8	—17.224—2.35	—0.176
754	W. Arg. 8291	9	4	95.6	57	15.53	+2.8198+0.42		—20 20	03.0	—17.245—2.03	
755	Lal. 19624	7	3	95.3	57	27.60	+3.0660—0.36	+0.0015	— 0 33	31.1	—17.254—2.21	—0.090
756	Lal. 19651	9	4.3	95.6	9 57	57.01	+2.8212+0.42		—20 19	29.0	—17.276—2.02	
757	Lal. 19646	7.5	3	97.3	57	58.79	+2.9645+0.01		— 9 03	03.1	—17.277—2.12	
758	Weisse 9 ^h , 1178—9	8	3	96.3	58	02.38	+3.7025—3.77		+42 52	54.9	—17.280—2.67	
759	D'Agelet 1964	7.5	3	95.3	58	07.43	+3.3121—1.44	—0.0148	+19 27	37.3	—17.283—2.37	0.000
760	13 Sextantis	7	3	95.3	58	42.12	+3.1164—0.55	—0.0060	+ 3 42	42.9	—17.309—2.23	—0.084
761	Lal. 19697	8	4	95.8	9 59	30.40	+2.9395+0.09	—0.0148	—11 13	11.5	—17.344—2.08	0.000
762	Cinc. Z. 1834	8.5	3	95.0	10 00	23.85	+2.8188+0.46		—20 50	43.4	—17.383—1.98	
763	Cinc. Z. 1835	9	3	94.3	00	56.89	+2.8306+0.44		—20 02	05.3	—17.407—1.97	
764	P. 9 ^h , 243	8	4	96.1	01	03.99	+3.1188—0.57	—0.0070	+ 3 59	16.2	—17.412—2.18	—0.066
765	W. Arg. 8365	8.5	2	95.8	03	09.65	+2.8350+0.45		—20 00	42.4	—17.502—1.94	
766	P. 9 ^h , 255	7	2	95.8	10 03	57.41	+3.1882—0.86		+10 06	27.5	—17.536—2.18	
767	Lal. 19783—4	8	3	97.3	04	23.02	+3.2914—1.38	0.0000	+18 42	35.9	—17.555—2.25	—0.270
768	Lal. 19803	8.5	2	97.8	04	59.44	+3.2638—1.24	—0.0164	+16 33	24.4	—17.581—2.22	—0.085
769	B. D. +43°, 1995	9	2	95.8	05	11.55	+3.6748—3.80		+43 10	00.0	—17.588—2.50	
770	D'Agelet 2030—1	7	2	95.8	05	19.81	+3.3216—1.55		+21 12	59.9	—17.594—2.24	
771	Lal. 19852	7	3	95.3	10 06	18.38	+2.8605+0.40	+0.0065	—18 26	14.9	—17.635—1.91	—0.070
772	D'Agelet 2041—2	7	3	96.3	06	44.81	+3.4206—2.14		+28 45	37.9	—17.654—2.29	
773	Lal. 19853	8	3	97.3	07	12.68	+3.4076—2.06	0.0000	+27 56	31.1	—17.673—2.27	—0.115
774	Lal. 19863	9	3	96.3	07	22.47	+3.1126—0.53	0.000	+ 3 37	53.1	—17.680—2.07	—0.10
775	20 Sextantis	7	2	96.8	08	31.18	+2.9974—0.04	—0.0146	— 6 51	53.4	—17.727—1.96	+0.045
776	Lal. 19873	8	3	95.3	10 08	32.41	+3.5691—3.15		+38 28	11.5	—17.728—2.36	
777	P. 10 ^h , 10	6	3	95.3	08	43.10	+3.3208—1.58	—0.0115	+21 41	26.5	—17.735—2.18	—0.080
778	Lacl. 4196	6	3	97.3	08	46.45	+2.6751+0.92	—0.0345	—32 30	49.7	—17.737—1.75	+0.057
779	Cinc. Z. 1857	9	2	95.8	09	05.26	+2.8259+0.55		—21 38	06.7	—17.750—1.84	
780	Cinc. Z. 1858	9	3	95.0	09	10.82	+2.8275+0.54		—21 31	22.1	—17.754—1.84	
781	Lal. 19915	7.5	2	96.8	10 10	29.51	+3.7514—4.59	0.000	+47 50	06.6	—17.807—2.43	—0.150
782	24 Leonis min.	6.5	4	95.8	10	31.07	+3.4162—2.17	—0.0049	+29 12	27.1	—17.808—2.21	—0.095
783	P. 10 ^h , 23	7	2	95.8	10	33.04	+3.2754—1.34		+18 15	45.5	—17.809—2.11	
784	Lal. 19932	8.5	3	95.3	10	48.78	+3.5698—3.21	0.0000	+39 02	28.9	—17.819—2.30	—0.088
785	P. 10 ^h , 34	7	4	95.1	12	46.56	+3.2134—1.02	—0.0190	+13 08	51.3	—17.898—2.03	—0.025
786	Weisse 10 ^h , 194	8	3	97.3	10 13	49.40	+2.9602+0.13	—0.0010	—10 39	19.4	—17.939—1.86	—0.114
787	W. Arg. 8484	9	3	95.0	13	59.50	+2.8580+0.51		—19 47	06.2	—17.945—1.78	
788	Weisse 10 ^h , 192	8.5	2	95.8	14	01.14	+3.1758—0.83		+ 9 48	55.0	—17.947—1.99	
789	Cinc. Z. 1870	9	3	95.0	14	56.80	+2.8477+0.56		—20 49	14.0	—17.983—1.76	
790	Cinc. Z. 1871	9	3	95.0	15	02.89	+2.8493+0.55		—20 41	51.2	—17.986—1.76	
791	Brad. 1433	6	3	95.3	10 15	56.04	+3.5962—3.56	—0.0119	+41 45	44.1	—18.021—2.24	—0.139
792	Lal. 20128	7.5	3	96.3	16	55.86	+2.8893+0.44	0.000	—17 30	18.5	—18.059—1.76	—0.050
793	Weisse 10 ^h , 292	8	3	96.3	17	28.78	+3.5883—3.55		+41 43	31.1	—18.079—2.19	
794	Cinc. Z. 1877	9	4	95.5	18	08.64	+2.8725+0.51		—19 11	55.9	—18.105—1.72	
795	P. 10 ^h , 60	7	2	95.8	18	45.98	+3.1849—0.88		+11 07	10.0	—18.128—1.91	
796	Lal. sup. 910	7.5	4	95.6	10 19	20.14	+2.8186+0.71	—0.0250	—24 04	36.7	—18.149—1.67	+0.090
797	Lal. 20223	8	3	96.3	21	06.54	+3.3597—1.96	+0.014	+27 10	40.9	—18.215—1.96	—0.11
798	B. D. +28°, 1885	9	3	94.7	21	56.17	+3.3709—2.04		+28 16	18.7	—18.245—1.95	
799	D'Agelet 2170—1	7	2	95.8	22	04.71	+3.1123—0.50		+ 4 05	56.1	—18.250—1.80	
800	Cinc. Z. 1892	8	2	95.8	22	25.73	+2.8617+0.61		—20 54	24.7	—18.263—1.65	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> .	P. M. S.	Decl. 1895.0. ° ' "	Precession. 1895+ <i>t</i> .	P. M. "
801	Cinc. Z. 1893	8	4	95.6	10 22 36.53	+2.8622+ 0.61 <i>t</i>		—20 53 48.5	—18.269—1.64 <i>t</i>	
802	Weisse 10 ^h , 417-8 . . .	9	3	97.3	23 24.79	+3.4216— 2.44	—0.021	+32 32 37.8	—18.298—1.96	+0.06
803	Cinc. Z. 1899.	8	3	94.3	24 08.52	+2.8526+ 0.67		—22 03 20.4	—18.324—1.61	
804	D'Agelet 2184-5 . . .	7.5	3	96.3	24 55.26	+3.5177— 3.22		+39 33 35.7	—18.351—1.99	
805	Anon.	9.5	3	95.3	25 07.87	+3.3493— 1.96		+27 13 28.9	—18.359—1.89	
806	Weisse 10 ^h , 480	9	3	96.3	10 26 32.58	+3.4103— 2.43		+32 29 49.8	—18.409—1.90	
807	Groom. 1658	5	3	96.3	27 06.37	+3.5303— 3.39	—0.0142	+40 57 57.7	—18.428—1.95	0.000
808	D'Agelet 2214	8	2	95.8	27 53.75	+3.1426— 0.67		+ 7 37 29.8	—18.455—1.71	
809	Lal. 20443	7.5	3	95.3	27 56.13	+3.0286— 0.05	+0.0060	— 4 49 01.9	—18.456—1.64	—0.115
810	Cinc. Z. 1916	8.5	3	96.3	28 27.44	+2.8871+ 0.59		—19 38 25.3	—18.474—1.56	
811	P. M. 1220.	9	2	96.8	10 29 35.83	+3.3323— 1.90	+0.003	+26 49 04.2	—18.513—1.78	—0.20
812	Brad. 1472.	6.5	3	97.3	29 57.84	+2.8592+ 0.73	—0.0080	—22 38 04.7	—18.524—1.52	+0.080
813	Cinc. Z. 1919	9	3	95.0	30 21.54	+2.8886+ 0.62		—19 51 02.8	—18.538—1.53	
814	P. 10 ^h , 116	8	3	95.3	30 35.84	+3.1403— 0.66	0.0000	+ 7 34 56.4	—18.546—1.66	—0.083
815	D'Agelet 2232-3 . . .	7.5	2	95.8	30 52.89	+3.6179— 4.32		+47 05 34.4	—18.555—1.92	
816	Lal. 20510	8	3	95.3	10 30 59.63	+3.2787— 1.57	—0.0200	+22 09 00.7	—18.559—1.76	—0.115
817	Lal. 20516.	8.5	3	96.3	31 09.11	+3.1760— 0.90	+0.007	+11 34 06.4	—18.565—1.70	—0.06
818	W. Arg. 8702	8.5	2	95.8	32 10.98	+2.8794+ 0.69		—21 07 58.9	—18.599—1.50	
819	D'Agelet 2247	7	2	95.8	33 08.07	+3.2011— 1.05		+14 33 56.3	—18.630—1.65	
820	Cinc. Z. 1928	9	3.4	95.0	33 24.34	+2.8800+ 0.70		—21 20 08.5	—18.638—1.47	
821	D'Agelet 2262	8	2	95.8	10 33 57.80	+3.2184— 1.17		+16 33 59.2	—18.656—1.64	
822	38 Ursæ maj.	5	3	97.3	34 46.81	+4.1774—11.18	—0.0283	+66 15 58.8	—18.682—2.14	—0.071
823	Lal. 20644.	8.5	3	96.3	35 55.59	+2.9547+ 0.39		—13 48 37.1	—18.718—1.45	
824	D'Agelet 2282	7.5	2	95.8	36 58.44	+3.0843— 0.31		+ 1 24 40.4	—18.751—1.51	
825	40 Leonis min.	6	2	95.8	37 15.97	+3.3119— 1.89	—0.0090	+26 52 36.1	—18.760—1.63	—0.053
826	Lal. 20687.	8.5	3	96.3	10 37 31.99	+2.9271+ 0.50	+0.0054	—17 10 43.1	—18.769—1.43	—0.120
827	Lal. 20674.	8	3	97.3	37 41.26	+3.3356— 2.08	0.0000	+29 14 19.7	—18.773—1.62	—0.095
828	W. Arg. 8775	9	3	95.0	39 45.58	+2.8874+ 0.78		—21 59 24.6	—18.836—1.36	
829	P. 10 ^h , 148	7.5	2	95.8	40 04.75	+3.1373— 0.65		+ 8 04 00.1	—18.846—1.48	
830	W. Arg. 8783	8.5	4	95.6	40 13.14	+2.9143+ 0.65		—19 08 32.7	—18.850—1.37	
831	Lal. 20760.	7.5	2	96.8	10 40 50.88	+2.9413+ 0.53	—0.0180	—16 11 00.4	—18.869—1.37	—0.025
832	52 Leonis	5.5	2	95.8	40 51.71	+3.1917— 1.04	—0.0098	+14 44 56.5	—18.869—1.50	—0.058
833	Lal. 20755.	8.5	3	96.3	41 04.92	+3.1664— 0.85	—0.004	+11 44 27.4	—18.876—1.48	—0.13
834	Lal. 20772-3.	8.5	2	96.8	41 46.88	+3.2576— 1.54	—0.010	+22 27 45.4	—18.896—1.50	0.00
835	Cinc. Z. 1949	8	3	95.0	42 20.04	+2.8994+ 0.77		—21 17 33.9	—18.912—1.33	
836	Groom. 1692	8	2	95.8	10 43 24.30	+3.4667— 3.41		+41 56 42.1	—18.943—1.57	
837	Cinc. Z. 1955	9	4	95.6	45 18.76	+2.9199+ 0.71		—19 38 14.7	—18.997—1.28	
838	P. 10 ^h , 171	6.5	3	96.3	46 14.03	+3.6351— 5.38	—0.0063	+53 03 43.3	—19.023—1.59	—0.067
839	D'Agelet 2343	6	2	95.8	46 49.99	+3.0842— 0.28		+ 1 34 54.8	—19.039—1.33	
840	Weisse 10 ^h , 822	8	2	95.8	47 19.56	+3.1600— 0.83		+11 50 44.3	—19.053—1.36	
841	Cinc. Z. 1960	8	2	95.8	10 47 45.93	+2.9299+ 0.70		—19 00 16.5	—19.065—1.24	
842	D'Agelet 2348-9 . . .	7	2	95.8	47 51.51	+3.2814— 1.82		+26 45 58.7	—19.067—1.39	
843	Cinc. Z. 1962	9	4	94.8	48 01.03	+2.9102+ 0.82		—21 27 59.4	—19.072—1.23	
844	Lal. 20968.	8.5	3	97.3	48 51.36	+3.2503— 1.58	+0.001	+23 30 46.5	—19.094—1.37	—0.16
845	Lal. 20981.	8.5	2	96.8	49 00.52	+2.9028+ 0.88	+0.011	—22 37 17.2	—19.098—1.21	—0.21
846	P. 10 ^h , 186.	7	2	95.8	10 49 18.64	+3.1182— 0.52		+ 6 24 24.9	—19.106—1.30	
847	P. 10 ^h , 191.	6	3	96.3	50 15.07	+3.4406— 3.44	0.0000	+42 34 16.0	—19.131—1.42	—0.086
848	Cinc. Z. 1968	9	3	96.3	50 34.29	+2.9199+ 0.82		—20 57 22.7	—19.140—1.19	
849	Lal. 21014-6.	7	2	95.8	50 41.10	+3.2483— 1.59		+23 48 43.3	—19.143—1.33	
850	Cinc. Z. 1973	8	2	95.8	51 30.04	+2.9237+ 0.81		—20 42 56.0	—19.164—1.18	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0.			Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.			Precession. 1895+ <i>t</i> .	P. M.
					H.	M.	S.			°	'	"		
851	Lac. 4527	6	3	97.3	10	51	49.44	+2.7819+1.54 <i>t</i>	+0.0070	—36	34	25.6	—19.172—1.12 <i>t</i>	—0.130
852	Lal. 21048	8	3	95.3		52	04.49	+3.1870—1.08		+16	19	27.6	—19.178—1.28	
853	P. 10 ^h , 200	7	2	95.8		53	00.68	+3.2142—1.33		+20	11	04.1	—19.202—1.27	
854	Lal. 21086	7.5	3	96.3		53	23.92	+3.0879—0.28		+ 2	17	33.0	—19.212—1.21	
855	W. Arg. 8925	9	2	95.8		53	53.74	+2.9296+0.82		—20	36	30.3	—19.224—1.13	
856	49 Ursæ maj.	5	3	96.3	10	54	57.48	+3.3842—3.05	—0.0075	+39	46	33.1	—19.250—1.30	—0.019
857	Cinc. Z. 1985	9	3	94.3		55	56.93	+2.9316+0.85		—20	55	36.6	—19.275—1.09	
858	D'Agelet 2397	6.5	2	95.8		56	05.55	+3.2888—2.09		+30	26	05.9	—19.278—1.24	
859	Lal. 21157	8	3	96.3		56	21.69	+3.2065—1.29	—0.0190	+20	04	29.9	—19.284—1.19	—0.128
860	Brad. 1531	6.5	3	97.3		57	19.42	+2.8945+1.11	+0.0037	—26	15	47.7	—19.308—1.07	—0.115
861	P. 10 ^h , 225	6.5	3	96.3	10	57	52.35	+3.0715—0.14	0.0000	— 0	11	02.3	—19.320—1.12	—0.115
862	Lal. 21203	5.5	3	96.3		57	59.73	+3.0049+0.37	—0.0065	—10	44	07.6	—19.323—1.09	—0.110
863	Weisse 10 ^h , 1017	8.5	2	95.8		58	39.92	+3.0995—0.37		+ 4	21	17.7	—19.339—1.11	
864	Cinc. Z. 1996	9	4	95.6		58	46.19	+2.9428+0.84		—20	11	14.6	—19.341—1.05	
865	B. D. +16°, 2210	9.5	4	95.3		59	57.90	+3.1721—1.02		+16	02	03.1	—19.369—1.12	
866	Weisse 10 ^h , 1180—1	9	2	97.8	11	00	58.59	+3.1628—0.95	+0.012	+14	50	18.9	—19.391—1.09	—0.32
867	65 Leonis	6	3	96.3		01	32.85	+3.0875—0.27	—0.0278	+ 2	31	31.8	—19.404—1.04	—0.067
868	Lal. 21301	8.5	3	97.3		01	53.87	+3.2123—1.45	—0.0160	+22	37	14.8	—19.411—1.09	+0.034
869	Cinc. Z. 2006	8.5	2	95.8		02	54.67	+2.9376+0.97		—22	16	19.2	—19.434—0.97	
870	Lac. 4606	7	3	95.1		02	54.82	+2.8854+1.35	—0.0377	—29	36	10.5	—19.434—0.95	—0.153
871	P. 10 ^h , 251	6	2	95.8	11	03	07.90	+3.1779—1.09	—0.0053	+17	46	27.8	—19.438—1.04	—0.120
872	W. Arg. 9046	8.5	2	95.8		03	58.73	+2.9657+0.78		—18	17	14.5	—19.456—0.96	
873	Lal. 21362	8.5	2	95.8		04	11.23	+3.1520—0.87		+13	50	32.9	—19.461—1.03	
874	Weisse 11 ^h , 9	9	3	95.3		04	17.08	+3.1182—0.55	+0.003	+ 8	04	09.7	—19.463—1.06	—0.11
875	P. 11 ^h , 4	6	2	95.8		06	13.41	+3.1557—0.93		+14	58	15.5	—19.503—0.99	
876	Lal. 21454	7.5	2	95.8	11	07	46.52	+3.0682—0.05	+0.0010	— 0	50	03.8	—19.535—0.93	—0.150
877	W. Arg. 9090	8.5	3	96.3		08	25.17	+2.9647+0.89		—19	52	45.5	—19.547—0.88	
878	Cinc. Z. 2026	8.5	4.3	95.5		09	30.68	+2.9658+0.91		—20	05	02.5	—19.568—0.86	
879	Lal. 21506	8	3	95.3		09	53.92	+3.0860—0.22	0.0000	+ 2	38	20.2	—19.575—0.89	—0.098
880	W. Arg. 9102	9	2	95.8		09	54.34	+2.9570+0.99		—21	44	35.1	—19.575—0.85	
881	W. Arg. 9114	8.5	3	96.3	11	11	01.37	+2.9613+0.99		—21	25	50.8	—19.596—0.83	
882	W. Arg. 9115	8	3	96.3		11	12.31	+2.9618+0.99		—21	25	51.4	—19.600—0.83	
883	W. Arg. 9118	8.5	3	94.3		11	35.15	+2.9633+0.98		—21	18	26.0	—19.607—0.83	
884	Weisse 11 ^h , 147	9	2	95.8		11	43.21	+3.1248—0.65		+10	34	46.6	—19.609—0.87	
885	P. 11 ^h , 27	6.5	2	95.8		12	40.44	+3.3272—3.25		+42	53	28.3	—19.626—0.91	
886	Cinc. Z. 2041	8	3	96.3	11	14	28.12	+2.9679+1.03		—21	39	01.1	—19.658—0.77	
887	Groom. 1766	7.5	3	97.3		15	03.13	+3.4102—4.70	—0.0230	+52	20	20.6	—19.668—0.87	—0.113
888	Lac. 4707	7	3	97.3		15	11.84	+2.9359+1.34	—0.020	—27	45	28.1	—19.671—0.75	+0.03
889	Lal. 21642	7.5	3	98.0		16	19.50	+3.1586—1.11	—0.0120	+18	46	04.9	—19.690—0.78	—0.080
890	Lal. 21657	8.5	3	95.3		16	46.33	+3.0757—0.09	—0.0050	+ 0	42	11.8	—19.697—0.76	—0.136
891	Groom. 1772	6.5	3	96.3	11	16	58.82	+3.2876—2.94	—0.0093	+40	45	04.2	—19.700—0.80	0.000
892	71 Leonis	7	2	95.8		16	59.26	+3.1537—1.06	—0.0105	+18	00	47.0	—19.700—0.78	0.000
893	Cinc. Z. 2049	8	3	95.0		17	30.54	+2.9863+0.93		—19	17	27.4	—19.709—0.72	
894	Weisse 11 ^h , 284—5	9	2	96.8		17	47.28	+3.1640—1.21	—0.027	+20	28	42.3	—19.713—0.76	—0.26
895	Weisse 11 ^h , 277	9	3	95.0		18	56.47	+3.0687+0.01	—0.013	— 0	56	53.2	—19.731—0.71	—0.18
896	Weisse 11 ^h , 295	7.5	3	95.3	11	19	58.32	+3.1074—0.49	+0.0093	+ 8	31	53.3	—19.747—0.73	—0.100
897	Cinc. Z. 2057	9	2	95.8		20	03.66	+2.9851+1.02		—20	40	54.5	—19.749—0.67	
898	81 Leonis	5.5	3	95.3		20	07.84	+3.1435—0.98	—0.0124	+17	02	01.3	—19.750—0.71	0.000
899	Lal. 21740—1	8	3	96.3		20	10.48	+3.1594—1.21	—0.0160	+20	34	54.2	—19.750—0.70	—0.084
900	Lal. 21753	7	3	97.3		20	37.44	+3.1710—1.38	—0.010	+23	17	05.9	—19.757—0.70	0.00

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> . S.	P. M. S.	Decl. 1895.0. ° / "	Precession. 1895+ <i>t</i> . "	P. M. "
901	Lal. 21767	8	3	97.3	11 20 56.88	+3.1601—1.24 <i>t</i>	—0.0104	+21 05 50.9	—19.762—0.70 <i>t</i>	—0.030
902	Lal. 21778	8	3	97.3	21 32.04	+3.1648—1.32	—0.004	+22 26 04.9	—19.770—0.69	—0.15
903	W. Arg. 9222	8	3	95.0	21 51.38	+2.9847+1.08		—21 38 29.4	—19.775—0.63	
904	W. Arg. 9225	8.5	3	95.7	22 02.00	+2.9914+1.01		—20 12 41.8	—19.778—0.63	
905	Lal. 21815	8	3	95.3	22 36.60	+3.1682—1.41	—0.0163	+23 46 07.9	—19.786—0.67	+0.050
906	Cinc. Z. 2066	9	4.3	96.8	11 22 50.82	+2.9963+0.98		—19 27 55.5	—19.789—0.62	
907	57 Ursæ maj.	6	3	96.3	23 24.94	+3.2504—2.77	—0.0059	+39 54 53.6	—19.797—0.66	+0.026
908	Lal. 21854	7.5	3	96.3	23 41.21	+3.1369—0.96	—0.0080	+16 57 38.9	—19.801—0.63	—0.094
909	Cinc. Z. 2068	9	3	95.0	23 48.69	+2.9993+0.97		—19 12 53.7	—19.803—0.60	
910	Cinc. Z. 2071	8.5	3	95.6	25 28.20	+3.0023+0.99		—19 19 01.7	—19.825—0.58	
911	Cinc. Z. 2076	8.5	2	95.8	11 26 00.30	+2.9986+1.06		—20 32 56.3	—19.832—0.56	
912	Lal. 21907	8	3	96.3	26 52.61	+3.1821—1.80	0.000	+29 37 38.2	—19.844—0.58	—0.11
913	Lal. 21914, fol. n. . . .	9	2	95.8	27 06.02	+3.1614—1.45	0.0000	+24 54 14.5	—19.846—0.57	—0.073
914	D'Agelet 2599—602 . . .	7.5	3	96.3	27 22.10	+3.1364—1.03		+18 34 54.6	—19.850—0.57	
915	W. Arg. 9295	9	3	94.3	27 49.56	+3.0073+1.00		—19 14 08.9	—19.855—0.53	
916	Bonn vi, 11 ^h , 46	8.5	2	95.8	11 28 28.33	+2.9990+1.14		—21 52 20.7	—19.863—0.52	
917	D'Agelet 2621—3	7	2	95.8	30 12.80	+3.1304—1.01		+18 27 17.5	—19.883—0.51	
918	Lal. 21992	8	2	95.8	30 31.57	+3.1656—1.68	0.000	+28 29 04.5	—19.887—0.51	—0.07
919	Lal. 21995	9	3	97.3	30 43.02	+3.2282—2.96		+42 23 54.8	—19.889—0.52	
920	Lal. 22006	9	3	95.3	31 03.63	+3.0605+0.24	—0.0080	— 4 07 15.4	—19.893—0.48	—0.084
921	Lal. 22011	7.5	2	95.8	11 31 11.96	+3.0237+0.86	—0.0137	—16 16 00.5	—19.895—0.47	—0.063
922	59 Ursæ maj.	6	3	95.3	32 44.80	+3.2269—3.14	—0.0155	+44 12 27.0	—19.911—0.47	—0.053
923	Crateris	6	3	97.3	33 20.11	+3.0378+0.69	+0.0050	—12 37 26.5	—19.917—0.43	+0.126
924	Lal. 22072	8	3	97.3	33 24.98	+3.2164—2.98	—0.011	+42 53 51.5	—19.918—0.46	+0.395
625	P. 11 ^h , 130	7.5	2	96.8	34 10.10	+3.0390+0.69	+0.0030	—12 35 54.9	—19.925—0.42	—0.132
926	W. Arg. 9383	9	2	95.8	11 35 38.24	+3.0192+1.13		—20 37 35.5	—19.939—0.38	
927	Lal. 22128	7	3	95.3	35 50.87	+3.0293+0.93	+0.001	—17 07 19.8	—19.941—0.38	—0.065
928	Lacl. 4845	6.5	4	94.1	35 55.53	+2.9961+1.59	—0.0257	—28 37 14.6	—19.942—0.37	+0.224
929	P. 11 ^h , 137	7	4	96.8	36 11.91	+3.1966—2.83		+41 49 15.9	—19.944—0.40	
930	P. 11 ^h , 144	7.5	2	96.8	36 45.13	+3.0852—0.23	—0.0175	+ 5 19 43.4	—19.950—0.38	+0.035
931	Lal. 22189	7.5	3	96.3	11 38 44.64	+3.1967—3.16	—0.0265	+45 04 21.7	—19.966—0.35	+0.055
932	W. Arg. 9425	8.5	3	95.0	38 45.57	+3.0227+1.23		—21 57 37.2	—19.966—0.32	
933	Cinc. Z. 2103	9	3	95.0	39 18.43	+3.0291+1.11		—19 49 56.1	—19.971—0.31	
934	Lal. 22218	7.5	2	95.8	39 38.92	+3.0727+0.08	—0.0065	+ 0 04 04.0	—19.974—0.31	—0.115
935	D'Agelet 2677	7	3	97.3	40 00.41	+3.0882—0.33	—0.0045	+ 7 36 49.4	—19.976—0.31	—0.050
936	Lal. 22237	7.5	2	96.8	11 40 20.35	+3.0794—0.10	—0.0110	+ 3 24 28.0	—19.979—0.30	—0.100
937	Weisse 11 ^h , 667	7.5	3.4	95.6	40 25.69	+3.0877—0.31		+ 7 31 31.2	—19.979—0.30	
938	Cinc. Z. 2107	9	2	95.8	41 51.46	+3.0302+1.26		—21 51 41.9	—19.990—0.26	
939	Lacl. 4890	7.5	3	95.0	42 00.68	+3.0128+1.73	—0.0233	—29 41 48.0	—19.991—0.25	—0.192
940	93 Leonis	5	3	95.3	42 34.15	+3.1112—1.08	—0.0121	+20 48 09.4	—19.994—0.26	+0.010
941	Brad. 1604	7	3	97.3	11 43 14.56	+3.0985—0.71	—0.0094	+14 52 04.7	—19.999—0.25	+0.035
942	Cinc. Z. 2108	9	3	95.0	43 54.96	+3.0389+1.15		—19 45 38.3	—20.003—0.23	
943	W. Arg. 9486	8.5	2	95.8	44 01.03	+3.0359+1.25		—21 30 57.8	—20.004—0.23	
944	Weisse 11 ^h , 732	7.5	3	95.3	44 21.45	+3.0840—0.30	—0.007	+ 7 06 36.0	—20.005—0.23	—0.146
945	Lal. 22370	9	2	96.8	46 14.68	+3.0780—0.10	—0.0120	+ 3 50 41.0	—20.017—0.18	—0.015
946	Lal. 22379	8	2	95.8	11 46 43.22	+3.0998—0.96	0.0000	+19 20 53.0	—20.019—0.17	—0.237
947	W. Arg. 9517	8.5	2	95.8	46 59.74	+3.0459+1.15		—19 23 22.0	—20.020—0.17	
948	Lal. 22395	8.5	2	95.8	47 17.05	+3.1168—1.71	—0.0075	+30 49 33.6	—20.022—0.17	—0.123
949	D'Agelet 2744—6	8.5	2	95.8	48 17.32	+3.0836—0.36		+ 9 09 22.6	—20.026—0.14	
950	Lal. 22420	8.5	2	96.8	48 28.40	+3.0983—1.04	—0.0150	+20 55 17.2	—20.027—0.14	0.000

No.	NAME.	Magn.	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> . S.	P. M. S.	Decl. 1895.0. ° ' "	Precession. 1895+ <i>t</i> . "	P. M. "
951	W. Arg. 9542	9	2	95.8	11 49 05.60	+3.0478+1.27 <i>t</i>		—21 17 07.5	—20.030—0.13 <i>t</i>	
952	Lal. 22473	7.5	4	94.8	50 30.57	+3.0513+1.26	—0.004	—21 04 15.8	—20.035—0.11	—0.085
953	Lal. 22472	8.5	3	96.3	50 36.08	+3.1066—1.79	—0.0075	+31 47 12.2	—20.035—0.10	—0.040
954	Lal. 22489	6.5	3	96.3	50 57.14	+3.0998—1.43	—0.0130	+27 15 48.8	—20.037—0.09	0.000
955	Lal. 22502	7	3	96.3	51 34.14	+3.0611+0.83	0.0000	—13 09 57.4	—20.039—0.07	—0.142
956	Lal. 22506	7	2	96.8	11 51 38.96	+3.0690+0.36	—0.0133	— 4 11 54.4	—20.039—0.07	+0.020
957	Groom. 1841	7	3	97.3	51 50.49	+3.1139—2.51	—0.0174	+40 55 47.6	—20.040—0.07	—0.059
958	Lal. 22519	8	2	96.8	52 07.95	+3.0898—0.99	—0.0302	+20 34 01.1	—20.040—0.07	+0.087
959	W. Arg. 9585	8	3	95.0	52 34.42	+3.0562+1.27		—20 44 31.5	—20.042—0.06	
960	P. 11 ^h , 203	7	2	95.8	52 50.98	+3.0756—0.06		+ 4 04 00.0	—20.043—0.05	
961	Lal. 22546	7.5	3	96.3	11 53 11.43	+3.0623+0.92	0.000	—14 31 52.4	—20.044—0.04	—0.09
962	Weisse 11 ^h , 884	9	3	95.3	53 43.89	+3.0768—0.19		+ 6 35 49.2	—20.045—0.03	
963	Cinc. Z. 2131	7.5	3	95.0	53 47.01	+3.0596+1.22		—19 45 26.0	—20.045—0.03	
964	Lal. 22596—7	8	2	95.8	55 47.71	+3.0744—0.06		+ 4 13 02.5	—20.050+0.00	
965	Lal. 22599	7.5	2	95.8	55 50.83	+3.0873—1.66	—0.0126	+31 13 27.5	—20.050+0.01	—0.080
966	W. Arg. 9620	8	2	95.8	11 56 01.15	+3.0637+1.30		—20 56 47.2	—20.050+0.01	
967	W. Arg. 9634	9	3	94.3	57 21.79	+3.0668+1.31		—20 48 41.3	—20.051+0.03	
968	Lal. 22647	8	2	95.8	57 37.30	+3.0671+1.35		—21 34 04.6	—20.052+0.04	
969	P. 11 ^h , 222	6	2	95.8	58 22.93	+3.0736—0.15	—0.0115	+ 6 08 41.8	—20.052+0.05	—0.070
970	W. Arg. 9653	9	2	95.8	59 09.15	+3.0708+1.27		—20 02 19.7	—20.053+0.07	
971	W. Arg. 9660	9	2	95.8	11 59 34.59	+3.0716+1.35		—21 15 36.4	—20.053+0.08	
972	Lal. 22696	8.5	3	97.3	59 44.45	+3.0735—1.63	—0.004	+31 25 06.7	—20.053+0.09	—0.10
973	Weisse 11 ^h , 1140	9	3	98.0	59 47.13	+3.0731—0.91	—0.019	+20 08 24.5	—20.053+0.08	0.00
974	W. Arg. 9670	9	3	95.0	12 00 42.15	+3.0742+1.34		—21 05 15.4	—20.053+0.10	
975	W. Arg. 9683	8	2	95.8	01 48.11	+3.0768+1.38		—21 47 09.2	—20.052+0.12	
976	Lal. 22756	6.5	2	96.8	12 02 14.16	+3.0782+1.49	+0.0070	—23 23 03.8	—20.052+0.13	—0.244
977	P. 11 ^h , 239	7.5	2	95.8	02 38.00	+3.0723+0.14		+ 1 12 23.0	—20.051+0.14	
978	D'Agelet 2828—31	8	3	96.3	02 40.56	+3.0708—0.15		+ 6 37 15.0	—20.051+0.14	
979	Weisse 11 ^h , 1208—10	9	4	97.6	02 46.86	+3.0658—1.05	+0.002	+22 49 53.8	—20.051+0.14	—0.16
980	P. M. 1382	8	3	96.3	02 51.49	+3.0479—4.16	—0.0252	+56 02 55.7	—20.051+0.14	—0.029
981	O. Arg. 12361	8	2	96.8	12 02 54.25	+3.0474—4.16	—0.0242	+56 02 59.2	—20.051+0.14	—0.045
982	Weisse 12 ^h , 2	9	2	97.8	03 36.54	+3.0639—1.02	—0.033	+22 22 20.4	—20.050+0.16	+0.04
983	Weisse 12 ^h , 18	9	2	97.8	04 10.68	+3.0652—0.70	—0.011	+16 59 40.2	—20.050+0.17	+0.07
984	11 Virginis	6	2	95.8	04 42.33	+3.0695—0.12	—0.0122	+ 6 23 26.9	—20.049+0.17	+0.025
985	Lal. 22872, pr.	8.5	3	95.0	06 13.61	+3.0226—3.75	—0.0213	+54 00 24.7	—20.045+0.21	—0.124
986	P. 12 ^h , 6	7.5	2	95.8	12 06 18.01	+3.0696—0.02		+ 4 38 24.1	—20.045+0.21	
987	Weisse 12 ^h , 97—8	8.5	3	97.3	06 41.14	+3.0555—1.07	—0.023	+23 40 41.5	—20.044+0.22	0.00
988	Cinc. Z. 2167	8.5	2	95.8	07 43.63	+3.0891+1.34		—20 09 11.7	—20.041+0.24	
989	Cinc. Z. 2168	9	3	95.7	07 48.26	+3.0899+1.38		—20 50 13.8	—20.041+0.24	
990	Cinc. Z. 2169	8.5	2	95.8	08 06.30	+3.0901+1.35		—20 20 09.8	—20.040+0.24	
991	Lal. 22936—7	8.5	3	97.3	12 08 51.03	+3.0411—1.54	—0.0127	+31 24 21.8	—20.037+0.26	—0.125
992	P. 12 ^h , 17	7	2	96.8	08 52.67	+3.0773+0.51	—0.0083	— 5 08 10.2	—20.037+0.26	+0.136
993	Lal. 22941	7.5	3	95.0	09 05.44	+3.0639—0.25	+0.0030	+ 9 22 10.9	—20.037+0.26	—0.133
994	Lal. 22956, fol.	8	2	96.8	09 44.74	+3.0792+0.59	—0.0164	— 6 40 19.9	—20.035+0.27	—0.040
995	W. Arg. 9785	7.5	2	95.8	10 23.10	+3.0964+1.44		—21 28 23.0	—20.032+0.29	
996	W. Arg. 9789	8.5	4	96.6	12 10 31.45	+3.0973+1.47		—21 55 02.9	—20.031+0.29	
997	6 Comæ Ber.	6	2	95.8	10 40.32	+3.0554—0.57	—0.0061	+15 29 02.0	—20.031+0.29	—0.010
998	Lal. 22997	8.5	2	95.8	11 05.70	+3.0636—0.16		+ 7 56 18.2	—20.029+0.30	
999	W. Arg. 9802	8.5	2	95.8	12 13.62	+3.1005+1.45		—21 22 15.2	—20.024+0.32	
1000	P. 12 ^h , 35	7.5	2	95.8	13 08.09	+3.0838+0.70	—0.0036	— 8 19 09.2	—20.020+0.34	—0.086

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0.			Precession. 1895+ <i>t</i> .		P. M.	Decl. 1895.0.			Precession. 1895+ <i>t</i> .		P. M.
					H.	M.	S.	S.	S.		°	'	"	"	"	
1001	D'Agelet 2896-900 .	7	2	95.8	12	13	52.52	+3.0026—2.20 <i>t</i>			+40	53	44.5	—20.016+0.35 <i>t</i>		
1002	W. Arg. 9829	8.5	2	95.8		14	27.72	+3.1060+1.48			—21	36	11.6	—20.012+0.37		
1003	W. Arg. 9832	8.5	2	95.8		14	29.59	+3.1049+1.43			—20	54	35.0	—20.012+0.37		
1004	P. 12 ^h , 47	7	2	95.8		14	44.55	+3.1066+1.48			—21	35	31.0	—20.011+0.37		
1005	Lal. 23119	6	2	97.8		15	03.01	+3.0275—1.21	—0.0058		+27	12	20.7	—20.009+0.38	—0.111	
1006	Lal. 23121	9	2	95.8	12	15	15.36	+3.1043+1.36			—19	38	41.8	—20.008+0.38		
1007	D'Agelet 2910, pr. .	8	2	97.8		15	23.80	+3.0256—1.23	0.0000		+27	38	22.2	—20.007+0.38	—0.141	
1008	D'Agelet 2910, fol. .	8	2	97.8		15	24.46	+3.0256—1.23	0.0000		+27	38	26.0	—20.007+0.38	—0.141	
1009	11 Comæ Ber.	6	2	95.8		15	24.77	+3.0428—0.70	—0.0090		+18	22	23.7	—20.007+0.38	+0.098	
1010	Lal. 23136	6.5	2	97.8		15	47.82	+3.0285—1.10	—0.0163		+25	36	37.3	—20.005+0.39	+0.135	
1011	17 Virginis	6.5	3	95.0	12	17	11.69	+3.0623—0.03	—0.0117		+ 5	53	21.5	—19.996+0.42	—0.062	
1012	W. Arg. 9867	8.5	2	95.8		17	30.42	+3.1106+1.43			—20	26	39.7	—19.994+0.43		
1013	Cinc. Z. 2191	9	3	96.3		18	07.71	+3.1157+1.53			—22	11	12.2	—19.990+0.44		
1014	Lal. 23193	8	2	95.8		18	11.90	+3.1102+1.37			—19	30	14.6	—19.990+0.44		
1015	Weisse 12 ^h , 261 . . .	8.5	2	95.8		18	22.83	+3.0489—0.36			+12	30	10.4	—19.988+0.44		
1016	4 Canum Ven.	6.5	2	95.8	12	18	37.08	+2.9710—2.31	—0.0088		+43	07	27.0	—19.987+0.44	0.000	
1017	Cinc. Z. 2194	9	5	96.2		18	40.64	+3.1138+1.44			—20	44	39.9	—19.986+0.45		
1018	Lal. 23216	8.5	2	96.8		19	13.82	+3.0256—0.91	—0.0078		+22	45	00.0	—19.982+0.46	—0.107	
1019	Lal. 23221	8.5	3	97.3		19	17.23	+3.0028—1.46	—0.0195		+31	51	40.9	—19.981+0.45	0.00	
1020	Lal. 23223	8	2	96.8		19	36.39	+3.0799+0.49	—0.0098		— 3	38	15.9	—19.979+0.47	—0.202	
1021	P. 12 ^h , 75	6	3	96.3	12	19	58.23	+3.0196—1.00			+24	30	32.7	—19.976+0.47		
1022	Lal. 23243	8.5	4	97.6		20	07.54	+2.9980—1.50	—0.0343		+32	27	09.9	—19.975+0.47	—0.250	
1023	W. Arg. 9897	8	3	95.0		20	10.08	+3.1206+1.55			—22	14	10.4	—19.975+0.49		
1024	P. 12 ^h , 77	8	2	95.8		20	33.29	+3.0626+0.06			+ 4	46	53.4	—19.972+0.48		
1025	W. Arg. 9912	8.5	2	95.9		21	42.19	+3.1171+1.38			—19	23	01.3	—19.963+0.52		
1026	Cinc. Z. 2206	9	3	95.0	12	21	48.81	+3.1225—1.51			—21	25	36.5	—19.962+0.52		
1027	Lal. 23309	9	4	97.1		22	24.50	+3.0380—0.45	—0.0145		+14	50	09.3	—19.957+0.52	+0.141	
1028	Lal. 23312	6.5	2	96.8		22	32.08	+3.0913+0.74	—0.0178		— 8	05	44.7	—19.956+0.53	0.000	
1029	Lal. 23335	8.5	2,3	97.0		23	32.70	+3.0685+0.23	—0.0055		+ 1	43	57.0	—19.947+0.55	—0.110	
1030	Weisse 12 ^h , 464 . . .	9	2	97.8		24	08.10	+3.0217—0.72			+19	53	45.8	—19.941+0.55		
1031	Lal. 23368	8	3	95.0	12	24	38.26	+3.0863+0.61	—0.0088		— 5	26	28.2	—19.936+0.57	—0.085	
1032	P. 12 ^h , 104	6.5	2	96.8		24	39.96	+3.1053+1.01	—0.0191		—12	48	40.7	—19.936+0.57	—0.041	
1033	Lal. 23379	8	2	95.8		24	59.54	+3.0865+0.61			— 5	26	59.1	—19.933+0.58		
1034	D'Agelet 2968-70 . .	7.5	3	97.3		25	04.87	+2.9508—1.95	—0.0138		+39	49	51.5	—19.933+0.56	—0.101	
1035	P. 12 ^h , 113	8	3	97.3		26	19.01	+3.0432—0.22	—0.0158		+10	51	00.8	—19.920+0.59	—0.072	
1036	Lal. 23446	6.5	2	96.8	12	27	09.97	+3.1099+1.06	—0.0112		—13	16	40.0	—19.912+0.62	—0.030	
1037	Lal. 23449	9	2	96.8		27	15.37	+2.9859—1.19	—0.0025		+28	40	03.4	—19.911+0.61	—0.148	
1038	Cinc. Z. 2219	9	2	95.8		27	23.20	+3.1283+1.42			—19	16	49.8	—19.910+0.63		
1039	Lal. 23497	8	2	96.8		29	00.46	+3.0520+0.00	—0.0016		+ 6	57	41.6	—19.892+0.65	—0.151	
1040	Weisse 12 ^h , 592-4 . .	8.5	3	97.3		29	43.59	+2.9966—0.87	+0.0005		+23	44	01.3	—19.884+0.65	—0.20	
1041	W. Arg. 10013	8	2	95.8	12	31	09.94	+3.1412+1.53			—20	43	40.9	—19.867+0.70		
1042	W. Arg. 10014	9	3	95.7		31	13.78	+3.1451+1.60			—21	46	21.6	—19.867+0.70		
1043	Cinc. Z. 2231	9	3	95.0		31	22.69	+3.1403+1.51			—20	21	30.1	—19.865+0.70		
1044	D'Agelet 3014	7.5	2	95.8		32	19.47	+3.0355—0.20			+11	09	43.3	—19.853+0.70		
1045	Cinc. Z. 2235	9	5	95.9		33	21.16	+3.1430+1.50			—19	56	47.6	—19.840+0.75		
1046	Cinc. Z. 2236	8.5	3	95.7	12	33	29.48	+3.1514+1.63			—22	02	22.3	—19.839+0.76		
1047	D'Agelet 3018	7.5	2	95.8		33	34.10	+3.0735+0.39			— 0	16	36.7	—19.838+0.74		
1048	W. Arg. 10040	8	3	95.0		33	37.56	+3.1404+1.44			—19	07	52.1	—19.837+0.76		
1049	B. D. +21°, 2442 . .	9	2	97.8		34	51.70	+2.9933—0.71	+0.018		+21	23	48.7	—19.821+0.75	—0.35	
1050	Lal. 23664	7.5	3	97.4		35	15.07	+3.1009+0.80	—0.0051		— 7	52	03.9	—19.816+0.77	—0.144	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.			Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.			Precession. 1895+ <i>t</i> .	P. M.
					H.	M.	S.	S.	S.	°	'	"	"	"
1051	Lal. 23678	8	2	96.9	12	35	49.61	+3.0131—0.42 <i>t</i>	+0.0051	+15	57	52.5	—19.808+0.77 <i>t</i>	—0.410
1052	Lal. 23679	9	3.4	97.5	35	58.16	+3.0975+0.75	+0.011		—6	48	27.9	—19.807+0.80	—0.16
1053	W. Arg. 10076	8.5	3	96.0	36	24.12	+3.1587+1.66			—22	09	06.0	—19.800+0.82	
1054	W. Arg. 10077	8.5	3	95.0	36	38.67	+3.1599+1.67			—22	17	50.6	—19.797+0.82	
1055	Weisse 12 ^h , 740—I	8.5	3	96.4	37	05.90	+2.9990—0.56			+18	51	16.4	—19.790+0.79	
1056	Lal. 23708	8	4	95.6	12	37	17.53	+3.0607+0.23	—0.0031	+3	09	14.0	—19.787+0.80	—0.052
1057	Lal. sup. 1739	8	4	95.6	37	36.56	+3.0858+0.56		—0.0153	—3	28	06.5	—19.783+0.82	—0.181
1058	Lal. 23754	8.5	2	96.8	38	52.08	+2.9151—1.42		—0.0283	+34	55	17.3	—19.765+0.80	—0.111
1059	Lal. sup. 1753	7.5	2	95.8	39	11.35	+2.9780—0.74		—0.0057	+22	34	26.2	—19.760+0.83	—0.20
1060	Cinc. Z. 2248	8.5	2	95.8	39	21.84	+3.1528+1.49			—19	20	25.8	—19.757+0.87	
1061	Lal. 23763	8.5	3	96.4	12	39	38.46	+3.0150—0.29	—0.019	+14	03	57.0	—19.753+0.84	0.00
1062	W. Arg. 10127	9	2	95.8	40	47.82	+3.1657+1.63			—21	28	11.3	—19.735+0.90	
1063	Cinc. Z. 2254	8.5	3	95.0	40	54.98	+3.1603+1.55			—20	16	29.3	—19.734+0.90	
1064	D'Agelet 3068	7	2	95.8	41	55.54	+3.0021—0.39			+16	09	58.6	—19.718+0.88	
1065	W. Arg. 10145	9	4	95.1	42	29.07	+3.1726+1.69			—22	05	21.2	—19.709+0.94	
1066	D'Agelet 3071	8	2	95.8	12	43	01.81	+3.0300—0.06		+9	41	04.8	—19.700+0.91	
1067	Lal. 23900	6.5	2	96.8	43	40.13	+2.9523—0.85		—0.0254	+25	24	56.3	—19.690+0.90	—0.115
1068	W. Arg. 10163	8.5	3	95.0	43	42.41	+3.1710+1.63			—21	13	13.3	—19.689+0.97	
1069	Cinc. Z. 2267	8.5	3	95.0	44	19.19	+3.1754+1.68			—21	48	57.3	—19.679+0.97	
1070	Lal. 23914	8.5	3	97.3	44	32.57	+3.1945+1.93		—0.0178	—25	16	07.3	—19.675+0.98	—0.006
1071	D'Agelet 3079	7.5	3	96.3	12	44	40.16	+2.9407—0.93		+27	00	14.2	—19.673+0.91	
1072	P. 12 ^h , 193	7	3	97.4	44	40.46	+3.1047+0.81		—0.0155	—7	03	37.6	—19.673+0.96	0.000
1073	W. Arg. 10179	9	3	95.0	45	26.78	+3.1719+1.61			—20	40	08.5	—19.660+1.00	
1074	Lal. 23972	8	4	95.6	46	47.03	+3.0988+0.73		—0.0015	—5	31	05.7	—19.636+1.00	—0.065
1075	W. Arg. 10206	9	2	95.9	47	36.01	+3.1710+1.56			—19	38	38.5	—19.621+1.03	
1076	P. 12 ^h , 211	8	2	96.8	12	47	56.39	+2.9289—0.91	—0.0173	+27	22	02.8	—19.615+0.97	—0.104
1077	Cinc. Z. 2272	9	3	95.0	47	56.54	+3.1777+1.63			—20	43	38.3	—19.615+1.05	
1078	Lal. 24027	6	2	97.9	48	21.65	+2.9704—0.54		—0.0110	+20	03	23.1	—19.608+0.99	—0.151
1079	Lal. 24031	8	3	97.4	48	37.25	+3.0364+0.08		—0.0166	+7	19	49.1	—19.603+1.01	+0.075
1080	P. 12 ^h , 217	7.5	2	95.8	48	48.94	+2.9264—0.90			+27	20	59.9	—19.599+0.99	
1081	Cinc. Z. 2274	9	2	95.7	12	49	48.99	+3.1899+1.73		—22	08	44.0	—19.581+1.09	
1082	W. Arg. 10241	8.5	3	95.0	51	02.72	+3.1792+1.59			—19	50	26.1	—19.557+1.10	
1083	Lal. 24121	7.5	4	97.6	52	00.05	+3.1213+0.96		+0.004	—9	11	24.7	—19.539+1.11	—0.13
1084	Lal. 24125	8	3	95.4	52	06.19	+3.1380+1.13		—0.0125	—12	14	35.0	—19.537+1.11	—0.055
1085	Cinc. Z. 2282	8.5	3	95.7	52	12.19	+3.1843+1.62			—20	18	00.3	—19.535+1.13	
1086	Weisse 12 ^h , 1008	9	2	97.8	12	52	22.54	+2.9668—0.47	—0.016	+19	15	28.6	—19.531+1.07	+0.14 :
1087	D'Agelet 3124—5	7	2	95.8	53	15.59	+3.0852+0.60			—2	20	09.8	—19.513+1.12	
1088	Lal. 24182	8.5	2	97.9	53	56.86	+2.9863—0.27		+0.0022	+15	28	12.8	—19.500+1.10	—0.183
1089	D'Agelet 3134	7.5	4	96.4	54	07.07	+3.0105—0.07			+11	14	00.0	—19.496+1.11	
1090	W. Arg. 10274	9	3	94.4	54	12.64	+3.1960+1.72			—21	29	58.8	—19.495+1.17	
1091	B. D. —20°, 3761	9	3	95.4	12	54	17.99	+3.1944+1.69		—21	12	54.5	—19.493+1.17	
1092	W. Arg. 10285	8.5	3	95.1	54	53.92	+3.1957+1.70			—21	13	19.9	—19.480+1.19	
1093	Weisse 12 ^h , 1063	9	2	96.8	55	20.04	+2.9550—0.49		—0.011	+20	11	58.3	—19.471+1.12	0.00
1094	P. 12 ^h , 243	6.5	2	97.9	55	29.62	+2.9626—0.43		—0.0184	+18	56	13.2	—19.467+1.13	+0.078
1095	Cinc. Z. 2294	9	3	94.4	56	31.10	+3.2034+1.75			—21	50	32.1	—19.446+1.22	
1096	Cinc. Z. 2295	8.5	2	95.9	12	57	22.54	+3.1926+1.62		—19	55	26.2	—19.428+1.24	
1097	W. Arg. 10316	8.5	4	94.9	57	53.02	+3.1884+1.58			—19	06	44.6	—19.416+1.24	
1098	Lal. 24282	8	2	96.9	58	11.83	+3.2309+2.01		—0.0135	—25	14	17.6	—19.409+1.27	+0.010
1099	D'Agelet 3155	8	2	95.9	59	19.11	+3.1207+0.92			—8	00	27.0	—19.385+1.25	
1100	Lal. 24312	8	2	95.9	59	28.45	+3.0120+0.02			+10	00	48.6	—19.381+1.21	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.			Precession. 1895+ <i>t</i> .		P. M.	Decl. 1895.0.			Precession. 1895+ <i>t</i> .		P. M.
					H.	M.	S.	S.	S.		°	'	"	"	"	
1101	Lal. 24314	7.5	3	95.7	12	59	57.83	+3.2089+1.75 <i>t</i>			—21	30	28.7	—19.370+1.29 <i>t</i>		
1102	Lal. 24330	8	3	97.7	13	00	16.96	+2.9776—0.22	—0.0145		+15	17	18.6	—19.363+1.21	0.00	
1103	Lal. 24331	8.5	3	97.7		00	18.59	+2.9685—0.29	—0.003		+16	39	53.1	—19.362+1.21	—0.21	
1104	Lal. 24336	8.5	3	97.4		00	42.55	+3.1209+0.93	—0.0158		—7	51	38.7	—19.353+1.28	—0.041	
1105	W. Arg. 10343	8	3	94.4		00	48.35	+3.1967+1.61			—19	29	46.4	—19.351+1.31		
1106	Lal. 24348	8	2	95.9	13	01	27.17	+3.1986+1.62			—19	34	44.1	—19.336+1.31		
1107	B. D. +9°, 2718	9	2	95.9		01	44.59	+3.0171+0.08			+8	51	57.2	—19.330+1.25		
1108	Weisse 12 ^h , 1028	8	5	97.6		01	58.28	+3.0654+0.46	—0.0067		+1	08	56.9	—19.324+1.28	—0.109	
1109	Weisse 12 ^h , 1027	8	5	97.6		01	58.29	+3.0654+0.46	—0.0067		+1	09	05.2	—19.324+1.28	—0.109	
1110	W. Arg. 10359	8.5	4	94.9		02	08.22	+3.2061+1.68			—20	26	43.8	—19.320+1.33		
1111	Lal. 24394	8	2	96.9	13	02	36.85	+2.9077—0.64	—0.025		+24	33	58.5	—19.309+1.23	+0.14	
1112	Lal. 24408	8.5	3	96.4		03	09.98	+3.0072+0.04			+10	11	31.2	—19.296+1.28		
1113	Cinc. Z. 2314	9	3	94.4		05	09.31	+3.2214+1.78			—21	38	40.5	—19.248+1.40		
1114	W. Arg. 10389	8.5	3	94.4		05	27.07	+3.2158+1.72			—20	48	53.3	—19.240+1.40		
1115	Weisse 13 ^h , 65	8.5	2	95.9		07	14.48	+3.0212+0.18			+7	34	40.0	—19.196+1.36		
1116	Lal. 24531	7.5	3	97.8	13	07	14.85	+2.9464—0.30	—0.041		+18	04	29.5	—19.196+1.33	+0.02	
1117	Lal. 24517	7.5	2	95.9		07	31.87	+3.2325+1.84			—22	22	31.0	—19.189+1.45		
1118	Lal. 24553	6.5	3	97.8		08	05.97	+2.9356—0.35	—0.0184		+19	17	08.6	—19.174+1.34	—0.015	
1119	Lal. 24566—8	7.5	3	97.4		08	13.46	+2.7569—1.25	+0.0129		+38	50	13.8	—19.170+1.26	—0.112	
1120	W. Arg. 10419	8	3	94.4		08	21.28	+3.2297+1.80			—21	48	16.3	—19.167+1.47		
1121	Cinc. Z. 2321	8.5	2	95.9	13	09	13.51	+3.2238+1.74			—20	48	41.0	—19.145+1.48		
1122	W. Arg. 10436	8.5	4	94.9		10	16.33	+3.2225+1.72			—20	22	24.0	—19.117+1.50		
1123	Lal. 24608	8	3	95.1		10	24.07	+3.0044+0.09	—0.026		+9	34	29.4	—19.114+1.39	—0.12	
1124	Cinc. Z. 2325	8.5	2	95.9		10	30.01	+3.2203+1.70			—20	02	34.1	—19.111+1.50		
1125	Lal. 24643—4	8	3	97.4		11	20.29	+2.8521—0.73	+0.0062		+28	17	58.5	—19.089+1.36	—0.386	
1126	Weisse 13 ^h , 165	7.5	3	95.1	13	11	21.11	+2.9407—0.26			+17	51	16.5	—19.088+1.40		
1127	P. 13 ^h , 36	6.5	3	97.4		11	26.57	+2.9206—0.38	—0.0111		+20	20	20.0	—19.086+1.39	+0.046	
1128	Lal. 24652	7	4	97.7		11	37.64	+2.9424—0.25	+0.0438		+17	34	44.8	—19.081+1.40	—0.252	
1129	Lal. 24671	8.5	2	95.9		12	01.43	+2.6680—1.46			+44	23	38.4	—19.071+1.28		
1130	Weisse 13 ^h , 192	8	3	95.1		13	48.44	+3.0470+0.41	—0.018		+3	27	25.9	—19.022+1.49	—0.04	
1131	62 Virginis	7	2	96.9	13	14	49.00	+3.1540+1.14	—0.0102		—10	45	08.1	—18.994+1.55	0.000	
1132	D'Agelet 3225—6	7	2	95.9		15	21.92	+3.0462+0.42			+3	29	37.5	—18.978+1.52		
1133	O. Arg. 13539	8.5	2	95.9		15	48.25	+2.6284—1.45			+45	39	38.5	—18.966+1.32		
1134	W. Arg. 10501	7	3	95.7		15	51.09	+3.2216+1.64			—18	56	19.7	—18.964+1.61		
1135	D'Agelet 3231	8	2	95.9		16	45.18	+3.1042+0.79			—4	06	47.2	—18.939+1.57		
1136	Cinc. Z. 2343	8	4	94.9	13	16	49.80	+3.2539+1.88			—22	24	12.1	—18.936+1.65		
1137	W. Arg. 10508	8.5	3	94.4		16	51.77	+3.2540+1.88			—22	24	07.1	—18.935+1.65		
1138	P. 13 ^h , 67	7	3	97.4		17	03.71	+3.1162+0.88	—0.0081		—5	38	55.2	—18.930+1.58	—0.135	
1139	D'Agelet 3240	6.5	3	96.4		18	18.92	+3.0470+0.44	+0.0015		+3	15	58.6	—18.894+1.57	+0.216	
1140	Lal. 24821	7	4	96.9		18	20.64	+3.0470+0.44	0.0000		+3	16	04.0	—18.893+1.57	+0.254	
1141	Cinc. Z. 2347	9	3	94.4	13	18	30.87	+3.2533+1.86			—21	55	14.5	—18.887+1.68		
1142	B. D. +5°, 2742	7.5	2	95.9		19	23.97	+3.0333+0.37			+4	56	56.2	—18.861+1.59		
1143	Lal. 24857	9	2	97.9		19	29.26	+2.9507—0.08	+0.0016		+15	01	10.9	—18.859+1.55	—0.173	
1144	Lal. 24866	9	3	97.4		20	07.48	+2.7944—0.77	—0.0060		+31	16	51.4	—18.839+1.48	—0.158	
1145	Cinc. Z. 2351	9	4	94.9		20	23.26	+3.2547+1.84			—21	36	58.3	—18.832+1.71		
1146	Lal. 24870	9	3	97.4	13	20	47.82	+3.1750+1.27	+0.0058		—12	30	26.0	—18.820+1.68	—0.079	
1147	68 Virginis	6	2	96.9		21	10.25	+3.1725+1.24	—0.0107		—12	09	41.0	—18.808+1.69	—0.015	
1148	Lal. 24893	8	2	96.9		21	27.08	+2.8645—0.46	—0.0116		+24	06	09.2	—18.799+1.54	0.000	
1149	Lal. 24896	8	2	97.9		21	43.44	+2.9482—0.07	+0.0061		+14	55	23.4	—18.791+1.58	—0.167	
1150	69 Virginis	5	2	96.9		21	51.09	+3.2017+1.44	—0.0093		—15	25	45.8	—18.787+1.71	+0.015	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.		Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.	Precession. 1895+ <i>t</i> .	P. M.
					H. M. S.	S.	S.		° / "	"	"
1151	Weisse 13 ^h , 323 . . .	9	2	96.9	13 22 20.65	+3.0433+0.45 <i>t</i>			+ 3 34 09.2	—18.773+1.64 <i>t</i>	
1152	W. Arg. 10566 . . .	8.5	3	95.1	22 34.29	+3.2553+1.82			—21 11 18.2	—18.765+1.75	
1153	Lal. 24921 . . .	8.5	2	96.9	22 43.94	+2.7260—0.95	—0.0297		+36 16 49.6	—18.760+1.49	—0.302
1154	O. Arg. 13645 . . .	8.5	2	95.9	23 19.88	+2.5389—1.40			+48 18 16.3	—18.741+1.40	
1155	Lal. 24965 . . .	8	2	96.9	24 06.60	+2.8717—0.38	—0.0200		+22 43 31.7	—18.717+1.58	+0.04
1156	P. 13 ^h , 102 . . .	7	2	97.9	13 24 56.77	+2.9002—0.25	+0.0006		+19 36 05.2	—18.691+1.62	+0.130
1157	W. Arg. 10606 . . .	9	3	95.1	26 20.68	+3.2556+1.78			—20 24 37.8	—18.646+1.83	
1158	O. Arg. 13707 . . .	9	2	95.9	26 38.43	+2.5198—1.33			+48 14 59.9	—18.636+1.43	
1159	W. Arg. 10613 . . .	8.5	2	95.9	27 03.64	+3.2693+1.87			—21 38 24.7	—18.623+1.85	
1160	W. Arg. 10620 . . .	7.5	3	96.4	27 29.49	+3.2485+1.72			—19 26 58.9	—18.609+1.84	
1161	D'Agelet 3295-6 . . .	6.5	3	94.4	13 27 49.70	+2.8407—0.44	+0.0085		+24 53 30.9	—18.598+1.63	—0.189
1162	W. Arg. 10629 . . .	9	3	94.4	28 41.28	+3.2554+1.75			—19 55 05.8	—18.570+1.88	
1163	P. 13 ^h , 124 . . .	7.5	3	97.4	28 44.74	+3.1707+1.20	—0.0078		—10 59 50.0	—18.568+1.82	—0.051
1164	P. 13 ^h , 127, pr. . . .	7.5	2	95.9	28 54.98	+3.0706+0.63	—0.0178		+ 0 13 27.0	—18.563+1.78	+0.037
1165	24 Canum Ven . . .	5	2	95.9	30 09.81	+2.4715—1.29	—0.0133		+49 33 09.2	—18.521+1.46	+0.008
1166	P. 13 ^h , 134 . . .	7	2	96.9	13 30 13.84	+2.8546—0.35	—0.0209		+23 02 01.4	—18.519+1.68	+0.135
1167	D'Agelet 3310-1 . . .	7	3	97.4	30 52.80	+3.0761+0.67	—0.0178		— 0 23 34.9	—18.497+1.81	—0.060
1168	Lac. 5608, n. . .	6.5	3	94.4	30 58.86	+3.3242+2.20	—0.0102		—25 57 33.0	—18.493+1.94	+0.021
1169	D'Agelet 3312 . . .	7.5	3	96.4	31 08.50	+2.8370—0.40			+24 28 15.5	—18.488+1.68	
1170	D'Agelet 3318-20 . . .	6.5	2	95.9	32 02.67	+2.8273—0.42			+25 08 56.2	—18.457+1.69	
1171	Cinc. Z. 2372 . . .	9	3	94.4	13 32 06.23	+3.2591+1.75			—19 37 44.4	—18.455+1.94	
1172	Lal. 25183, pr. . . .	9	2	96.9	32 24.05	+2.7622—0.62	—0.0157		+30 37 08.6	—18.445+1.66	0.000
1173	Lal. 25191 . . .	9	2	96.9	32 56.78	+2.8838—0.20	+0.0095		+19 41 32.4	—18.426+1.74	—0.270
1174	P. 13 ^h , 150 . . .	7	3	97.4	33 03.12	+2.8478—0.33	—0.0120		+23 03 53.4	—18.422+1.72	—0.047
1175	Cinc. Z. 2379 . . .	9	4	96.1	33 53.51	+3.2575+1.72			—19 08 55.5	—18.393+1.97	
1176	P. 13 ^h , 155 . . .	6.5	3	96.4	13 33 59.20	+2.8912—0.15			+18 47 57.6	—18.390+1.76	
1177	D'Agelet 3334 . . .	8	2	95.9	35 06.32	+3.0473+0.55	+0.0040		+ 2 41 22.2	—18.350+1.87	—0.192
1178	W. Arg. 10702 . . .	9	2	95.9	35 15.44	+3.2714+1.80			—20 13 01.0	—18.345+2.00	
1179	82 Ursæ maj. . . .	6	3	94.4	35 26.68	+2.3430—1.23	—0.0173		+53 27 07.5	—18.339+1.47	+0.057
1180	Lal. 25288 . . .	6	3	94.4	37 01.76	+2.9864+0.27	—0.0270		+ 8 55 15.4	—18.282+1.85	—0.093
1181	W. Arg. 10717 . . .	8.5	3	95.7	13 37 04.18	+3.2956+1.93			—22 05 42.0	—18.280+2.05	
1182	W. Arg. 10721 . . .	9	3	96.4	37 17.23	+3.2663+1.75			—19 22 49.4	—18.273+2.04	
1183	Lal. 25331 . . .	7.5	2	96.9	38 30.84	+2.9244+0.04	—0.0224		+14 53 40.0	—18.228+1.86	0.000
1184	D'Agelet 3356-60 . . .	6.5	2	95.9	38 47.50	+2.8328—0.29			+23 13 48.6	—18.218+1.81	
1185	Weisse 13 ^h , 780 . . .	9	2	95.9	38 49.07	+2.6074—0.88			+39 46 48.4	—18.217+1.66	
1186	P. 13 ^h , 177 . . .	7	3	97.4	13 39 06.88	+3.2091+1.39	—0.0015		—13 41 32.4	—18.207+2.03	—0.159
1187	Berlin A. G. 4999 . . .	9	3	97.7	39 58.95	+2.8851—0.09	+0.026		+18 21 57.5	—18.175+1.86	—1.88
1188	Cinc. Z. 2390 . . .	9	3	94.4	40 02.98	+3.2874+1.85			—20 48 36.7	—18.172+2.10	
1189	Lal. 25356 . . .	7.5	3	95.4	40 14.10	+3.1975+1.33			—12 26 17.5	—18.165+2.05	
1190	Lal. 25385-6 . . .	8.5	2	96.9	40 47.75	+2.8305—0.27	—0.0148		+23 02 23.7	—18.145+1.84	+0.092
1191	Cinc. Z. 2391 . . .	8	2	95.9	13 41 00.67	+3.2839+1.82			—20 19 49.4	—18.136+2.12	
1192	P. 13 ^h , 195 . . .	6.5	3	97.4	41 30.32	+2.7225—0.56	—0.0201		+31 25 30.8	—18.117+1.78	—0.092
1193	Lal. 25413 . . .	7.5	3	97.4	41 52.31	+2.8280—0.26	—0.0166		+23 02 51.8	—18.104+1.85	+0.061
1194	Weisse 13 ^h , 863-4 . . .	9	3	97.4	42 58.64	+2.8063—0.31			+24 38 14.6	—18.062+1.85	
1195	W. Arg. 10780 . . .	8	4	96.4	43 12.39	+3.3101+1.96			—22 12 03.1	—18.053+2.18	
1196	Weisse 13 ^h , 902 . . .	8	3	98.1	13 44 47.20	+2.9099+0.05	—0.0155		+15 24 35.8	—17.993+1.94	—0.152
1197	D'Agelet 3399-400 . . .	7	2	95.9	45 08.32	+3.0102+0.44			+ 6 01 06.7	—17.979+2.02	
1198	Lal. 25493 . . .	8.5	3	97.4	45 21.78	+2.8762—0.06	—0.0100		+18 19 15.9	—17.971+1.93	—0.095
1199	W. Arg. 10808 . . .	9	4	95.6	45 31.15	+3.3073+1.92			—21 33 42.1	—17.964+2.22	
1200	Weisse 13 ^h , 967-9 . . .	9	2	95.9	46 41.08	+2.5125—0.85			+43 01 40.7	—17.919+1.72	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> . S.	P. M. S.	Decl. 1895.0. ° / "	Precession. 1895+ <i>t</i> . "	P. M. "
1201	P. 13 ^h , 224	8.5	3	97.4	13 46 50.83	+2.9167+0.10 <i>t</i>	0.0000	+14 32 46.0	-17.913+1.99 <i>t</i>	-0.086
1202	P. 13 ^h , 228	7.5	2	95.9	47 29.81	+2.8850+0.00		+17 14 54.5	-17.887+1.97	
1203	Lal. 25536	8	4	96.4	48 02.31	+3.3020+1.86		-20 42 03.1	-17.865+2.26	
1204	Cinc. Z. 2412	8.5	3	94.4	48 20.20	+3.3111+1.91		-21 24 05.4	-17.854+2.28	
1205	Cinc. Z. 2413	8.5	4	95.9	48 37.36	+3.3126+1.92		-21 28 18.6	-17.842+2.28	
1206	Lal. 25604	8	3	97.4	13 49 29.11	+2.8347-0.14	+0.0117	+21 09 37.1	-17.808+1.97	-0.059
1207	Cinc. Z. 2416	8.5	3	95.1	49 37.33	+3.2918+1.79		-19 36 19.6	-17.802+2.29	
1208	Weisse 13 ^h , 822	9	3	97.4	50 00.32	+3.0538+0.65	-0.009	+ 1 44 57.3	-17.786+2.14	-0.13
1209	Cinc. Z. 2418	9	2	95.9	50 59.26	+3.3023+1.83		-20 15 24.1	-17.747+2.32	
1210	W. Arg. 10887	8.5	4	94.9	52 10.42	+3.3030+1.83		-20 07 58.7	-17.698+2.34	
1211	Lal. 25674	8.5	3	97.4	13 52 25.48	+2.7938-0.21	-0.0219	+23 52 47.6	-17.688+1.99	-0.146
1212	P. 13 ^h , 256	7	3	97.4	52 48.98	+3.2016+1.30	+0.0108	-11 32 36.4	-17.672+2.28	-0.168
1213	P. 13 ^h , 259	7.5	3	96.4	52 49.28	+2.8828+0.05		+16 42 57.2	-17.672+2.06	
1214	W. Arg. 10897	9	3	94.4	53 12.45	+3.2975+1.79		-19 32 00.0	-17.656+2.36	
1215	O. Arg. 14119	9	2	95.9	53 20.23	+2.4232-0.80		+45 40 02.5	-17.650+1.75	
1216	Cinc. Z. 2423	8.5	3	95.1	13 54 22.25	+3.3043+1.82		-19 54 27.8	-17.607+2.38	
1217	Lac. 5785	7	4	97.4	54 39.89	+3.3820+2.23	-0.006	-25 45 10.2	-17.595+2.43	-0.18
1218	D'Agelet 3449-52	8	2	95.9	55 01.15	+3.0368+0.60		+ 3 11 03.7	-17.580+2.21	
1219	Rüm. 4554	8	2	96.9	55 48.52	+2.2241-0.75	-0.011	+52 40 01.0	-17.547+1.65	+0.02
1220	Cinc. Z. 2424	8.5	2	95.9	56 04.68	+3.3264+1.92		-21 22 17.5	-17.534+2.43	
1221	Lal. 25791	8	3	97.4	13 57 03.66	+2.8077-0.12	-0.0135	+22 03 46.5	-17.493+2.07	+0.050
1222	Lal. 25792	7	3	95.1	57 22.76	+2.9548+0.33	-0.0149	+10 11 41.1	-17.480+2.19	-0.030
1223	Lal. 25804	8	2	97.9	57 36.74	+2.8383-0.03	-0.0132	+19 38 35.6	-17.470+2.10	0.000
1224	Lal. 25819-21	7	3	97.4	57 49.61	+2.5840-0.54	-0.0060	+36 37 13.8	-17.460+1.93	-0.100
1225	W. Arg. 10948	8.5	4.3	96.1	58 22.63	+3.3294+1.92		-21 15 20.0	-17.437+2.48	
1226	Lal. 25818	6.5	2	96.9	13 58 22.76	+2.9407+0.28	+0.0055	+11 18 02.5	-17.436+2.19	-0.300
1227	B. D. +55°, 1649a	9.5	3	97.4	58 56.23	+2.1162-0.62		+55 16 06.2	-17.412+1.61	
1228	W. Arg. 10953	8.5	4	94.9	59 15.22	+3.3288+1.93		-21 04 40.5	-17.398+2.49	
1229	Lal. 25852	8	3	97.4	59 27.16	+3.0112+0.52	0.000	+ 5 16 37.8	-17.390+2.26	+0.22
1230	Weisse 13 ^h , 1279	9	3	96.4	59 28.79	+2.4559-0.66		+42 48 29.4	-17.389+1.86	
1231	Weisse 13 ^h , 1015	8.5	3	97.4	13 59 40.20	+3.0441+0.64	-0.014	+ 2 27 09.2	-17.380+2.29	-0.11
1232	D'Agelet 3471-2	8	2	95.9	59 58.07	+2.7420-0.24		+26 19 27.2	-17.368+2.07	
1233	π Hydræ	3.5	3	95.1	14 00 23.40	+3.4021+2.28	0.0000	-26 10 34.8	-17.349+2.56	-0.140
1234	95 Virginis	6	2	95.9	01 09.55	+3.1771+1.17	-0.0112	- 8 48 45.2	-17.315+2.41	+0.018
1235	Cinc. Z. 2439	8	2	95.9	02 12.10	+3.3095+1.78		-19 13 19.5	-17.269+2.53	
1236	Lal. 25901, fol.	8.5	2	96.9	14 02 24.22	+3.2225+1.37	+0.0070	-12 25 32.6	-17.260+2.46	-0.111
1237	O. Arg. 14292-3	8.5	4	94.2	03 04.63	+2.1195-0.56		+54 20 19.8	-17.230+1.66	
1238	D'Agelet 3493	7.5	2	95.9	03 26.81	+2.7555-0.17		+24 48 48.3	-17.213+2.13	
1239	Lal. 25932	9	2	95.9	03 46.65	+3.3324+1.88		-20 41 55.8	-17.198+2.57	
1240	Weisse 14 ^h , 81	9	3	96.4	05 59.57	+2.3920-0.59		+44 15 35.3	-17.098+1.90	
1241	Lal. 26034	7	3	97.4	14 06 22.53	+2.6287-0.35	-0.0160	+32 22 07.1	-17.080+2.08	-0.042
1242	Lal. 26028	8	2	96.9	07 05.03	+2.9623+0.41	+0.0096	+ 8 54 12.2	-17.048+2.34	-0.092
1243	D'Agelet 3512	8.5	2	95.9	07 16.96	+2.8001-0.02		+21 08 13.1	-17.039+2.22	
1244	Lal. 26056	6	3	94.4	08 15.76	+3.0769+0.78	+0.0115	- 0 20 59.5	-16.993+2.43	-0.155
1245	Lal. 26104	8	2	97.9	09 42.65	+2.8603+0.15	-0.0188	+16 30 01.7	-16.926+2.30	+0.112
1246	Lal. 26106	7.5	3	97.4	14 10 02.53	+3.0272+0.63	-0.0140	+ 3 37 08.5	-16.910+2.45	+0.055
1247	Groom. 2089	7	3	97.4	10 09.38	+2.4249-0.51	-0.0060	+42 00 41.2	-16.905+1.97	-0.136
1248	Weisse 14 ^h , 135	7	3	95.1	10 50.41	+3.1502+1.06		- 6 08 01.2	-16.872+2.56	
1249	Lal. 26143, n.	6	2	96.9	11 39.89	+2.7994+0.02	-0.0125	+20 36 42.6	-16.833+2.29	-0.06
1250	Lal. 26147	6.5	2	96.9	12 26.11	+3.1629+1.10	+0.0191	- 7 02 59.9	-16.797+2.59	-0.218

No.	NAME	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.		Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.			Precession. 1895+ <i>t</i> .	P. M.
					H. M.	S.	S.		°	'	"	"	
1251	Lal. 26176	8	3	95.1	14 13	56.37	+3.3468+1.87 <i>t</i>		—20 23	27.6		—16.724+2.77 <i>t</i>	
1252	20 Bootis	5	4	95.7	14 47	03	+2.8489+0.16	—0.0111	+16 47	16.8		—16.683+2.37	+0.070
1253	Lal. 26224	8.5	2	95.9	15 39	23	+3.3323+1.79		—19 11	55.9		—16.642+2.78	
1254	Cinc. Z. 2463	9	3	96.4	16 20	35	+3.3455+1.84		—20 00	57.1		—16.608+2.80	
1255	P. 14 ^h , 62, mean . . .	7	2	96.9	17 05	26	+3.1689+1.12	0.0000	— 7 17	09.5		—16.571+2.67	—0.132
1256	Weisse 14 ^h , 339	8	4	95.6	14 17	22.37	+2.4387—0.40		+40 02	57.2		—16.557+2.08	
1257	Cinc. Z. 2470	8	2	95.9	19 05	18	+3.3561+1.87		—20 23	53.5		—16.472+2.86	
1258	P. 14 ^h , 75	6	3	95.1	19 08	28	+2.9578+0.45	—0.0115	+ 8 33	50.9		—16.469+2.53	—0.100
1259	Lal. 26347	7	3	97.4	19 15	57	+2.4365—0.37	+0.0057	+39 48	32.0		—16.463+2.10	—0.182
1260	B. D. +45°, 2177 . . .	8.5	2	95.9	20 20	71	+2.3077—0.39		+44 52	07.0		—16.409+2.00	
1261	Weisse 14 ^h , 326	9	3	96.4	14 20	20.97	+3.0820+0.83		— 0 41	50.5		—16.409+2.65	
1262	Lal. 26376	7	3	97.4	21 38	35	+3.2710+1.49	—0.0133	—14 21	53.6		—16.344+2.83	—0.042
1263	W. Arg. 11190	9	3	95.1	21 45	25	+3.3613+1.86		—20 25	40.2		—16.338+2.91	
1264	D'Agelet 3606	7.5	2	95.9	22 29	76	+2.8607+0.25		+15 13	32.1		—16.300+2.49	
1265	Lal. 26487	8.5	3	94.9	23 49	50	+2.0010—0.15	—0.013	+53 46	38.9		—16.231+1.78	+0.13
1266	Cinc. Z. 2485	8.5	2	95.9	14 24	24.34	+3.3573+1.83		—19 52	23.6		—16.202+2.95	
1267	W. Arg. 11221	8	2	95.9	24 29	01	+3.3756+1.91		—21 01	47.7		—16.198+2.97	
1268	Weisse 14 ^h , 417	9	2	95.9	25 00	21	+2.9363+0.44		+ 9 47	08.7		—16.171+2.60	
1269	Groom. 2116	5	2	96.9	25 28	50	+2.3520—0.32	+0.0108	+42 16	12.2		—16.147+2.10	—0.200
1270	Lal. 26505	8.5	2	95.9	26 39	91	+3.3749+1.88		—20 44	28.6		—16.084+3.01	
1271	B. D. +54°, 1685 . . .	9	4	94.7	14 27	11.14	+1.9743—0.08		+53 54	26.3		—16.057+1.80	
1272	Lal. 26537	7.5	2	96.9	27 13	09	+2.7921+0.14	—0.0166	+19 17	59.2		—16.056+2.50	—0.008
1273	26 Bootis	6.5	2	96.9	27 46	14	+2.7362+0.04	—0.0107	+22 43	19.7		—16.027+2.48	+0.042
1274	P. 14 ^h , 115	8	3	95.1	28 12	54	+2.9772+0.54	0.0000	+ 6 45	13.4		—16.004+2.67	—0.170
1275	B. D. +10°, 2703 . . .	8.5	3	95.4	28 25	63	+2.9331+0.45	+0.011	+ 9 48	41.0		—15.992+2.65	—0.51
1276	Lal. 26599, mean . . .	8	2	96.9	14 29	17.47	+2.4828—0.22	—0.0193	+36 02	44.3		—15.947+2.27	+0.070
1277	W. Arg. 11274	9	2	95.9	29 30	57	+3.3549+1.78		—19 10	43.8		—15.935+3.04	
1278	Lal. 26641	8.5	2	96.9	30 36	33	+2.3902—0.26	+0.0061	+39 52	58.8		—15.876+2.20	—0.281
1279	Weisse 14 ^h , 625	8.5	2	95.9	31 08	12	+2.3403—0.26		+41 47	51.1		—15.848+2.16	
1280	D'Agelet 3646—8 . . .	6.5	3	96.4	31 47	57	+2.6366—0.06		+27 56	32.5		—15.813+2.43	
1281	Lal. 26636	8.5	4	95.7	14 31	54.18	+3.3715+1.83		—19 58	09.7		—15.807+3.10	
1282	Weisse 14 ^h , 552	7.5	3	97.4	32 26	30	+3.2548+1.39	—0.020	—12 27	13.3		—15.778+2.99	0.00
1283	Cinc. Z. 2503	8.5	3	94.4	32 52	09	+3.4081+1.97		—22 05	00.2		—15.755+3.14	
1284	Lal. 26690	8.5	2	95.9	33 54	00	+3.3955+1.90		—21 13	10.1		—15.699+3.15	
1285	B. D. +46°, 1976 . . .	8.5	2	95.9	34 29	13	+2.2049—0.20		+46 07	14.8		—15.667+2.08	
1286	Lal. 26710—1	7.5	2	95.9	14 35	07.50	+3.4137+1.97		—22 10	02.5		—15.632+3.18	
1287	Lal. 26746	9	2	95.9	36 37	60	+3.3923+1.87		—20 44	43.1		—15.549+3.19	
1288	Weisse 14 ^h , 776	8	3	96.4	37 50	93	+2.2640—0.18		+43 34	42.3		—15.481+2.17	
1289	Weisse 14 ^h , 772	9	2	97.9	38 09	83	+2.7876+0.21	+0.0135	+18 30	42.5		—15.464+2.65	—0.343
1290	Lal. 26826	6	3	97.4	38 39	58	+3.1896+1.16	—0.0160	— 7 48	30.9		—15.436+3.03	+0.077
1291	Cinc. Z. 2516	8.5	3	95.1	14 38	55.38	+3.4074+1.91		—21 23	50.1		—15.422+3.24	
1292	D'Agelet 3695	8	3	95.1	39 20	28	+2.7792+0.21	—0.0051	+18 54	41.6		—15.398+2.66	—0.151
1293	P. 14 ^h , 166	7.5	3	97.4	40 13	48	+3.3982+1.86	—0.0055	—20 43	49.7		—15.349+3.25	—0.106
1294	Lal. 26894—5	8	3	95.4	40 26	07	+2.8531+0.34	—0.0176	+14 17	45.2		—15.337+2.75	—0.217
1295	Cinc. Z. 2521	8.5	4	95.2	40 46	39	+3.4164+1.92		—21 43	35.8		—15.318+3.28	
1296	Cinc. Z. 2522	8.5	4	95.7	14 40	51.96	+3.4219+1.95		—22 01	54.2		—15.312+3.29	
1297	B. D. +47°, 2172 . . .	8.5	2	95.9	41 13	96	+2.1454—0.10		+46 59	39.5		—15.292+2.08	
1298	Weisse 14 ^h , 847	9	3	97.7	41 29	09	+2.8084+0.26	—0.007	+16 57	52.9		—15.278+2.71	—0.93
1299	57 Hydræ	6	3	97.4	41 48	96	+3.4995+2.24	—0.0031	—26 12	22.4		—15.259+3.37	0.000
1300	D'Agelet 3725—8, pr.	6.5	2	95.9	43 43	90	+2.6678+0.08		+24 48	10.4		—15.149+2.61	

No.	Name.	Mag.	No. of Obs.	Epoch. 1800 +	R. A. 1895.0. H. M. S.	Precession. 1895 + <i>t</i> . S.	P. M. S.	Decl. 1895.0. ° / //	Precession. 1895 + <i>t</i> . "	P. M. "
1301	W. Arg. 11444	9	4	95.7	14 43 56.27	+3.3936+1.81 <i>t</i>		-20 06 24.2	-15.137+3.31 <i>t</i>	
1302	Cinc. Z. 2526	9	3	94.4	43 57.77	+3.4233+1.92		-21 47 55.8	-15.136+3.33	
1303	Lal. 26993	8.5	3	97.1	44 09.01	+2.9074+0.46	-0.011	+10 39 22.6	-15.125+2.85	-0.20
1304	38 Bootis	6	2	95.9	45 34.12	+2.1394-0.06	0.0000	+46 33 13.5	-15.044+2.13	-0.082
1305	Brad. 1895	6.5	2	96.9	45 42.51	+3.3490+1.65	-0.0048	-17 21 11.8	-15.035+3.29	-0.118
1306	P. 14 ^h , 196	6.5	2	96.9	14 46 01.66	+2.6903+0.12	-0.0309	+23 20 35.3	-15.017+2.66	-0.091
1307	39 Bootis, mean . . .	7	3	96.4	46 07.11	+2.0475+0.01	-0.0085	+49 09 10.6	-15.011+2.05	+0.095
1308	Lacl. 6127	6.5	4	97.4	46 17.72	+3.5878+2.54	-0.0308	-30 08 39.5	-15.002+3.53	-0.015
1309	ξ Bootis, fol. n. . . .	5	3	94.4	46 32.75	+2.7574+0.21	+0.0087	+19 32 13.3	-14.987+2.73	-0.080
1310	Weisse 14 ^h , 966 . . .	8	3	98.1	46 42.68	+2.8220+0.31	-0.019	+15 44 48.2	-14.978+2.80	+0.09
1311	W. Arg. 11487	8.5	2	95.9	14 47 18.32	+3.4179+1.87		-21 10 28.5	-14.942+3.39	
1312	Lal. 27106	8	2	97.9	47 40.08	+2.7622+0.23	-0.0046	+19 09 50.5	-14.921+2.75	+0.213
1313	D'Agelet 3758-63 . . .	7	2	96.9	48 37.80	+2.7535+0.22	-0.0303	+19 34 32.1	-14.865+2.76	+0.234
1314	D'Agelet 3765	7	2	95.9	48 43.29	+2.7402+0.20		+20 19 08.5	-14.860+2.75	
1315	Lal. 27155	8.5	2	96.9	49 06.81	+2.6764+0.13	-0.059	+23 46 23.7	-14.837+2.69	0.00
1316	W. Arg. 11530	8.5	3	94.4	14 50 38.84	+3.4045+1.80		-20 07 18.6	-14.746+3.43	
1317	Lal. 27174	8	2	96.9	50 43.23	+3.1671+1.07	-0.0112	- 5 57 11.0	-14.741+3.19	-0.133
1318	W. Arg. 11545	9	2	95.9	51 35.27	+3.3986+1.78		-19 42 29.2	-14.690+3.43	
1319	Lal. 27223	8.5	2	96.9	51 42.82	+2.9281+0.53	-0.021	+ 9 01 01.4	-14.683+2.98	+0.21
1320	Lal. 27228	8	2	96.9	51 44.37	+2.8527+0.39	-0.002	+13 34 32.1	-14.681+2.89	-0.105
1321	Cinc. Z. 2551	8.5	2	95.9	14 53 12.15	+3.3975+1.76		-19 30 51.7	-14.594+3.46	
1322	Weisse 14 ^h , 1112-3 . .	9	2	97.9	53 13.09	+2.7723+0.27	-0.013	+18 08 13.1	-14.593+2.83	+0.09
1323	Lal. 27299	7	2	96.9	53 39.55	+2.5997+0.08		+27 14 14.6	-14.566+2.67	
1324	Lal. 27332	8.5	4	94.9	53 43.89	+1.8163+0.36	-0.005	+53 48 43.8	-14.562+1.88	-0.21
1325	Lal. 27270	8.5	2	95.9	53 46.25	+3.4211+1.84		-20 45 37.2	-14.560+3.49	
1326	Weisse 14 ^h , 998 . . .	8	3	94.4	14 55 14.00	+2.9400+0.55	-0.002	+ 8 09 24.0	-14.471+3.01	-0.13
1327	40 Bootis	5.5	2	95.9	55 35.41	+2.3036-0.02	-0.0064	+39 40 54.1	-14.450+2.39	+0.041
1328	Cinc. Z. 2556	8.5	3	95.1	56 02.91	+3.4114+1.78		-20 02 28.5	-14.422+3.52	
1329	Lal. 27374	7.5	2	96.9	56 06.13	+2.4914+0.03	-0.0172	+32 01 42.6	-14.418+2.59	+0.087
1330	Lal. 27373	8.5	3	97.4	56 35.03	+2.8005+0.33	+0.0044	+16 17 26.6	-14.389+2.90	-0.261
1331	Rüm. 4907	9	2	96.9	14 57 33.40	+3.0395+0.76	-0.003	+ 2 01 42.1	-14.330+3.16	+0.12
1332	D'Agelet 3820-1 . . .	7.5	3	98.1	57 40.88	+2.7961+0.33	-0.0103	+16 27 53.6	-14.322+2.91	+0.090
1333	Lal. 27415	8	2	96.9	58 34.05	+3.1792+1.09	-0.0177	- 6 28 34.6	-14.268+3.32	-0.050
1334	Cinc. Z. 2561	9	3	94.4	58 52.42	+3.4491+1.88		-21 48 42.5	-14.249+3.60	
1335	W. Arg. 11631	8.5	3	95.1	59 19.49	+3.4007+1.72		-19 11 43.9	-14.221+3.56	
1336	Lacl. 6228	7	3	97.4	15 00 03.24	+3.4881+1.99	-0.0027	-23 43 18.0	-14.176+3.65	-0.105
1337	9 Ursæ min.	6	3	96.4	00 18.84	+0.1287+6.98	-0.0884	+72 10 32.5	-14.160+0.18	+0.088
1338	W. Arg. 11661	8.5	4	95.7	00 46.36	+3.4140+1.75		-19 47 47.1	-14.131+3.59	
1339	Lal. 27558-9	8	2	96.9	02 43.64	+2.9162+0.54	-0.0366	+ 9 17 05.9	-14.009+3.11	-0.080
1340	Cinc. Z. 2572	8	3	94.4	02 46.62	+3.4263+1.77		-20 17 28.7	-14.006+3.64	
1341	B. D. +25°, 2874 . . .	9	3	97.4	15 02 55.12	+2.6196+0.17	-0.059	+25 19 29.1	-13.998+2.80	+0.48
1342	Cinc. Z. 2574	9	3	94.4	03 00.91	+3.4212+1.75		-20 00 00.6	-13.992+3.63	
1343	Lal. 27594	8	4	95.7	03 27.51	+2.6948+0.23	+0.0050	+21 29 29.0	-13.964+2.88	-0.112
1344	Lal. 27618	8	2	97.9	04 06.02	+2.7330+0.28	-0.0122	+19 26 27.9	-13.924+2.93	-0.020
1345	Weisse 15 ^h , 62-5 . . .	8.5	3	97.4	05 51.77	+2.7055+0.26	-0.010	+20 44 55.1	-13.812+2.92	+0.10
1346	Lal. 27686	9	3	97.4	15 05 58.72	+2.5092+0.11	-0.003	+30 09 37.8	-13.805+2.71	+0.11
1347	W. Arg. 11721	9	3	94.4	06 01.43	+3.4638+1.86		-21 58 02.7	-13.802+3.72	
1348	D'Agelet 3878-9 . . .	6.5	2	95.9	06 49.28	+2.7100+0.27		+20 26 25.8	-13.751+2.93	
1349	W. Arg. 11735	9	3	94.4	07 16.95	+3.4247+1.73		-19 51 28.7	-13.722+3.69	
1350	Lal. 27752	9.5	4	97.9	08 24.44	+2.7946+0.37	-0.003	+15 50 46.7	-13.650+3.04	-0.18

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.			Precession. 1895+ <i>t</i> .		P. M.	Decl. 1895.0.			Precession. 1895+ <i>t</i> .		P. M.
					H.	M.	S.	S.			°	'	"	"		
1351	B. D. —21°, 4062 . . .	9	4	94.9	15	08	42.03	+3.4528+	1.80 <i>t</i>		—21	11	34.2	—13.631+	3.75 <i>t</i>	
1352	P. 15 ^h , 18.	6	2	95.9	08	53.24	+2.6485+	0.22	+0.0035		+23	22	23.1	—13.619+	2.89	+0.114
1353	Lal. 27808	7.5	2	97.0	10	36.92	+3.0521+	0.79	+0.0070		+1	11	19.6	—13.507+	3.34	—0.102
1354	W. Arg. 11777	8.5	3	95.1	10	44.73	+3.4248+	1.70			—19	36	42.5	—13.498+	3.75	
1355	Weisse 15 ^h , 153.	8.5	3	97.4	11	16.06	+3.2099+	1.13	—0.0076		—7	53	31.3	—13.465+	3.52	—0.228
1356	Lal. 27851	8	2	97.9	15	11	35.15	+2.7658+	0.35	—0.0024	+17	11	11.2	—13.445+	3.05	—0.171
1357	Lal. sup. 2182	8.5	2	97.0	12	14.35	+2.7100+	0.29	0.0000		+20	02	06.1	—13.402+	3.00	—0.124
1358	Lal. 27943, mean	6	2	96.9	13	50.81	+2.5579+	0.18	+0.0064		+27	13	17.8	—13.297+	2.85	+0.110
1359	Lal. 27907	8.5	4	95.7	14	19.91	+3.4752+	1.82			—21	52	43.8	—13.265+	3.85	
1360	Lal. 27931	8.5	3	95.1	15	00.85	+3.4754+	1.81			—21	50	12.8	—13.221+	3.87	
1361	Cinc. Z. 2596	9	3	94.5	15	15	12.67	+3.4726+	1.81		—21	41	14.8	—13.208+	3.87	
1362	Lal. 28003	8	3,2	97.7	15	19.25	+2.1626+	0.14	0.0000		+42	07	09.4	—13.201+	2.42	—0.198
1363	6 Serpentis	6	2	97.0	15	41.15	+3.0533+	0.80	—0.0055		+1	05	49.2	—13.176+	3.40	—0.103
1364	o Coronæ Bor.	6	2	96.9	15	47.92	+2.4905+	0.15	—0.0106		+29	59	49.0	—13.169+	2.79	—0.051
1365	P. 15 ^h , 53.	6.5	2	95.9	16	34.61	+2.5938+	0.22			+25	20	10.4	—13.118+	2.92	
1366	Cinc. Z. 2600	9	3	95.1	15	17	40.52	+3.4297+	1.67		—19	22	45.3	—13.045+	3.86	
1367	Lal. 28055	8	2	96.9	17	55.30	+2.7689+	0.38	—0.0297		+16	38	10.9	—13.028+	3.12	0.000
1368	D'Agelet 3943	7.5	2	97.9	18	03.08	+2.7167+	0.32	—0.0156		+19	17	29.7	—13.020+	3.07	+0.105
1369	W. Arg. 11862	9	2	96.0	18	07.09	+3.4522+	1.72			—20	28	09.3	—13.015+	3.88	
1370	Weisse 15 ^h , 329.	8	3	94.5	19	47.58	+2.8668+	0.50			+11	22	04.6	—12.904+	3.26	
1371	W. Arg. 11890	8.5	3	95.1	15	20	32.05	+3.4487+	1.69		—20	07	43.4	—12.854+	3.91	
1372	Green. 6 year 971.	9	3	95.1	21	00.69	+3.4776+	1.77			—21	30	21.0	—12.822+	3.95	
1373	Lal. 28174	8	3	96.8	22	14.01	+2.8893+	0.54	+0.004		+10	04	08.9	—12.739+	3.31	—0.08
1374	Cinc. Z. 2614	9	3	94.4	22	26.54	+3.4785+	1.75			—21	26	54.0	—12.725+	3.98	
1375	D'Agelet 3966-9	7.5	2	96.9	22	48.96	+2.0605+	0.24	+0.0080		+44	22	19.5	—12.700+	2.37	—0.061
1376	Cinc. Z. 2616	9	3	95.1	15	23	08.05	+3.4982+	1.81		—22	20	10.4	—12.678+	4.00	
1377	Lal. 28234	7.5	2	96.9	23	46.92	+2.6095+	0.26	—0.010		+24	02	52.3	—12.634+	3.01	0.00
1378	W. Arg. 11938	8.5	3	95.1	24	37.89	+3.4897+	1.76			—21	49	45.9	—12.576+	4.01	
1379	Lal. 28247	8.5	3	95.1	25	52.42	+3.4589+	1.66			—20	16	15.3	—12.492+	4.00	
1380	Cinc. Z. 2624	9	3	94.4	26	35.47	+3.4647+	1.68			—20	30	19.0	—12.443+	4.01	
1381	Lal. 28336	7.5	4	97.7	15	27	26.36	+2.6278+	0.28	+0.0020	+22	55	55.3	—12.384+	3.07	—0.129
1382	Lal. 28331	7.5	3	95.1	27	42.86	+2.8620+	0.51	—0.0026		+11	19	08.8	—12.365+	3.32	+0.105
1383	Lal. 28306	8.5	3	97.4	28	00.96	+3.3875+	1.47	—0.0056		—16	38	21.4	—12.345+	3.94	—0.306
1384	Anon.	9	2	95.9	28	04.07	+3.5391+	1.86			—23	52	48.7	—12.341+	4.12	
1385	P. 15 ^h , 109	7	2	95.9	28	14.26	+2.7630+	0.40			+16	22	01.0	—12.329+	3.23	
1386	Lal. 28384	8	3	94.5	15	29	41.90	+2.9395+	0.61	—0.0050	+7	09	36.0	—12.228+	3.43	—0.172
1387	Weisse 15 ^h , 656.	9	2	97.9	30	33.13	+2.7254+	0.37	—0.005		+18	05	41.4	—12.169+	3.21	+0.11
1388	Lal. 28396	8.5	2	96.9	30	38.55	+3.1850+	1.02	—0.0072		—6	02	04.8	—12.163+	3.75	—0.171
1389	16 Serpentis	6.5	3	95.2	31	26.83	+2.8777+	0.54	+0.0017		+10	21	41.4	—12.107+	3.39	—0.114
1390	Cinc. Z. 2636	8.5	3	95.1	32	38.65	+3.4581+	1.60			—19	48	50.3	—12.023+	4.08	
1391	P. 15 ^h , 146	6.5	2	95.9	15	34	51.28	+2.7503+	0.40		+16	39	14.5	—11.866+	3.29	
1392	P. 15 ^h , 153	5.5	3	97.4	34	54.41	+1.9110+	0.39	+0.0060		+47	08	37.3	—11.864+	2.29	—0.139
1393	D'Agelet 4020	7	3	96.1	35	12.43	+2.8355+	0.49			+12	23	35.5	—11.843+	3.39	
1394	Lal. 28547	8	2	96.9	35	15.08	+3.2368+	1.10	—0.0020		—8	39	19.7	—11.839+	3.86	—0.122
1395	Groom. 2275	7	3	94.5	35	17.12	—3.5874+	37.39	—0.0930		+80	47	47.0	—11.837+	4.17	+0.129
1396	Cinc. Z. 2646	8	3	95.1	15	36	01.86	+3.5001+	1.68		—21	33	41.7	—11.784+	4.18	
1397	Cinc. Z. 2647	8.5	3	95.1	36	46.91	+3.4653+	1.59			—19	54	36.4	—11.731+	4.15	
1398	D'Agelet 4031-2	7	2	95.9	37	06.90	+2.9171+	0.60			+8	09	25.5	—11.708+	3.51	
1399	Lal. 28644	8.5	3	97.5	38	15.94	+3.2747+	1.15	+0.004		—10	30	45.2	—11.626+	3.94	—0.08
1400	W. Arg. 12114	9	2	95.9	38	48.10	+3.5020+	1.65			—21	29	01.2	—11.588+	4.22	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800+	R. A. 1895.0.			Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.			Precession. 1895+ <i>t</i> .	P. M.
					H.	M.	S.	S.		°	'	"	"	
1401	Lal. 28711	8	3	97.4	15	39	10.40	+2.4412+0.24 <i>t</i>	+0.0093	+30	01	54.5	—11.561+2.96 <i>t</i>	0.000
1402	W. Arg. 12139	9	3	95.1	40	30.80		+3.4565+1.53		—19	17	24.1	—11.465+4.18	
1403	Yar. 6613	8	3	95.1	41	23.73		+3.4927+1.60		—20	54	27.3	—11.402+4.24	
1404	Lal. 28754	7	2	97.0	41	55.89		+3.0715+0.80	—0.0168	+ 0	03	21.8	—11.363+3.74	—0.045
1405	Lal. 28767	8	3	94.4	42	40.33		+3.1588+0.92	—0.0111	— 4	27	40.0	—11.309+3.85	+0.015
1406	P. 15 ^h , 176	6.5	2	96.9	15	43	19.68	+2.7945+0.46	0.0000	+14	06	55.1	—11.262+3.41	—0.105
1407	D'Agelet 4093-4	7.5	2	95.9	47	10.80		+2.7612+0.43	—0.0049	+15	33	15.9	—10.981+3.42	—0.125
1408	θ Libræ	5	3	95.1	47	50.74		+3.4029+1.36	+0.0056	—16	25	16.5	—10.933+4.20	+0.123
1409	Weisse 15 ^h , 1166-7	9	2	96.9	48	36.97		+2.6374+0.35	+0.004	+21	10	45.5	—10.876+3.27	—0.11
1410	Lal. 28978	8	3	97.5	49	53.06		+2.9665+0.65	—0.0226	+ 5	22	40.8	—10.783+3.69	0.000
1411	Cinc. Z. 2676	8.5	3	95.1	15	50	29.46	+3.5224+1.58		—21	43	15.6	—10.738+4.38	
1412	P. 15 ^h , 215	7.5	2	95.9	50	57.77		+2.6849+0.38		+18	55	40.5	—10.703+3.36	
1413	Weisse 15 ^h , 929	9	3	94.5	51	12.84		+3.0845+0.79		— 0	36	07.5	—10.685+3.85	
1414	Weisse 15 ^h , 961	9	3	94.5	52	46.86		+3.0656+0.76	+0.012	+ 0	21	12.9	—10.568+3.84	—0.13
1415	W. Arg. 12327	9	3	95.1	54	56.59		+3.5313+1.55		—21	52	17.0	—10.408+4.45	
1416	Lal. 29144	9	2	97.9	15	55	25.41	+2.7428+0.43	—0.0033	+16	04	46.9	—10.371+3.47	—0.141
1417	W. Arg. 12339	9	3	94.5	55	57.25		+3.5001+1.48		—20	27	42.6	—10.331+4.42	
1418	D'Agelet 4136-7	6.5	2	95.9	56	00.48		+2.7960+0.47		+13	34	05.1	—10.328+3.54	
1419	Lal. 29184-94	8.5	2	97.0	56	34.83		+2.5436+0.32	0.0000	+24	44	56.8	—10.284+3.23	—0.163
1420	D'Agelet 4141-2	8	3	96.4	56	59.41		+2.7912+0.47		+13	45	56.5	—10.254+3.54	
1421	P. 15 ^h , 258	6	2	95.9	15	59	06.78	+2.6952+0.40		+18	05	29.3	—10.093+3.44	
1422	B. D. —20°, 4396	9	3	94.5	59	18.90		+3.4998+1.44		—20	17	05.4	—10.078+4.45	
1423	Lal. 29307-8	7.5	2	98.5	59	43.05		+2.5202+0.32	—0.0393	+25	31	21.7	—10.048+3.22	+0.717
1424	W. Arg. 12396	8.5	3	94.5	59	45.06		+3.5136+1.47		—20	52	01.1	—10.045+4.47	
1425	W. Arg. 12407	9	4	95.7	16	00	37.78	+3.5326+1.50		—21	38	10.8	— 9.979+4.51	
1426	Weisse 15 ^h , 1527	9	2	98.0	16	01	35.65	+2.6620+0.38	+0.002	+19	27	24.1	— 9.905+3.42	—0.15
1427	Lal. 29338	7	2	97.0	02	04.01		+3.4498+1.33	0.0000	—17	57	30.0	— 9.869+4.42	—0.093
1428	D'Agelet 4177	8	2	95.9	02	33.14		+2.7904+0.47		+13	37	01.0	— 9.832+3.59	
1429	Lal. 29397	8.5	3	97.2	02	36.05		+2.6042+0.36	0.0000	+21	53	57.5	— 9.829+3.35	—0.167
1430	Lal. 29432	8.5	2	97.0	02	43.49		+2.2751+0.30	—0.0247	+34	22	45.2	— 9.820+2.93	+0.174
1431	Lal. 29400	7.5	2	97.0	16	04	07.17	+3.5423+1.48		—21	52	48.5	— 9.712+4.56	
1432	Lal. 29453	8	3	94.5	04	18.61		+2.7980+0.47	0.0000	+13	12	26.1	— 9.698+3.60	+0.120
1433	Weisse 16 ^h , 35	7.5	3	94.5	04	30.31		+2.8270+0.50		+11	50	52.9	— 9.683+3.65	
1434	Lal. 29425	8.5	3	96.5	04	36.88		+3.5438+1.48		—21	55	16.2	— 9.674+4.57	
1435	W. Arg. 12469	9	2	96.0	04	46.65		+3.4929+1.38		—19	44	10.2	— 9.662+4.51	
1436	Lal. 29449	7.5	3	97.5	16	05	29.67	+3.6351+1.65	—0.0121	—25	36	33.5	— 9.607+4.70	—0.161
1437	Lal. 29562	8.5	4	95.7	05	59.79		+1.6150+0.71	—0.015	+51	07	54.3	— 9.568+2.11	0.00
1438	Lal. 29517	8	3	97.5	06	21.80		+2.7224+0.42	+0.0040	+16	35	06.5	— 9.540+3.52	—0.147
1439	Lal. 29548	7.5	3	97.2	06	46.95		+2.3580+0.30	—0.0080	+31	15	47.1	— 9.508+3.07	—0.189
1440	Weisse 16 ^h , 91	7.5	4	95.0	07	49.56		+3.0959+0.76		— 1	07	53.5	— 9.427+4.03	
1441	Lal. 29552	6.5	3	97.5	16	08	35.55	+3.4627+1.29	—0.0070	—18	15	57.8	— 9.368+4.50	—0.133
1442	Weisse 16 ^h , 296	7.5	3	98.2	11	36.50		+2.6447+0.38	+0.004	+19	46	40.0	— 9.134+3.47	+0.30
1443	δ Scorpīi	5.5	3	97.5	11	47.13		+3.7151+1.73	—0.0045	—28	21	09.9	— 9.120+4.85	—0.125
1444	Lal. 29699	7.5	3	96.5	12	52.15		+2.9401+0.58		+ 6	20	13.2	— 9.036+3.87	
1445	Lal. 29705	8	3	95.2	13	04.19		+2.9392+0.58	0.000	+ 6	22	32.9	— 9.020+3.87	—0.060
1446	W. Arg. 12607	8.5	3	96.5	16	15	07.45	+3.5537+1.38		—21	51	26.9	— 8.860+4.68	
1447	σ Serpentis	5	4	95.0	16	45.25		+3.0458+0.67	—0.0132	+ 1	16	33.2	— 8.731+4.03	+0.049
1448	Cinc. Z. 2736	8.5	3	95.2	17	37.54		+3.5627+1.37		—22	07	25.2	— 8.662+4.72	
1449	ξ Coronæ Bor.	5	3	97.5	18	00.31		+2.3437+0.32	—0.0085	+31	08	08.5	— 8.632+3.13	+0.115
1450	Lac. 6826, s.	6.5	3	97.5	18	04.08		+3.7542+1.72	+0.0040	—29	27	30.3	— 8.628+4.97	—0.080

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0.			Precession. 1895+ <i>t</i> .		P. M.	Decl. 1895.0.			Precession. 1895+ <i>t</i> .		P. M.
					H. M.	S.	S.	S.	°		'	''	''	''		
1451	Lal. 29859	8	3	97.5	16	18	24.74	+2.6871+	0.40	-0.0104	+17	42	19.2	-8.600+	3.57	+0.291
1452	P. 16 ^h , 68.	7	2	97.0	19	06.44	+3.5914+	1.40	-0.0033	-23	13	04.4	-8.545+	4.77	-0.045	
1453	W. Arg. 12641	9	2	96.0	19	18.34	+3.5033+	1.25		-19	35	42.7	-8.530+	4.66		
1454	Lal. 29901	8.5	3	98.2	20	01.58	+2.6378+	0.38	-0.0106	+19	44	26.1	-8.473+	3.52	+0.050	
1455	Weisse 16 ^h , 366	8	4	94.3	21	18.64	+2.8425+	0.49	-0.002	+10	43	34.4	-8.371+	3.80	-0.07	
1456	P. 16 ^h , 88.	7	3	97.5	16	23	08.49	+3.2416+	0.86	-0.0040	-7	53	37.8	-8.225+	4.34	-0.052
1457	Lal. 29981	7.5	3	97.2	23	20.41	+3.0664+	0.67	-0.0070	+0	17	26.3	-8.209+	4.11	-0.111	
1458	Groom. 2344	7.5	2	97.0	23	33.03	+1.7084+	0.58	-0.0101	+48	11	21.0	-8.192+	2.31	+0.123	
1459	W. Arg. 12675	9	3	94.5	24	40.72	+3.5321+	1.24		-20	35	36.8	-8.102+	4.75		
1460	Cinc. Z. 2745	9	3	95.2	26	31.35	+3.5040+	1.18		-19	22	00.7	-7.954+	4.73		
1461	34 Herculis	6.5	3	96.5	16	27	12.93	+1.6496+	0.62	-0.0074	+49	11	22.7	-7.898+	2.24	-0.064
1462	P. 16 ^h , 109	8	3	97.2	27	33.33	+3.0230+	0.62	-0.0033	+2	18	37.0	-7.871+	4.08	-0.088	
1463	Lal. 30109	8	4	94.3	27	38.47	+2.7800+	0.44	+0.0052	+13	22	59.5	-7.864+	3.75	-0.121	
1464	Weisse 16 ^h , 475	9	3.4	97.5	27	40.99	+3.0893+	0.68	-0.006	-0	46	33.4	-7.861+	4.18	-0.14	
1465	D'Agelet 4318	8	3	97.5	30	44.75	+3.0381+	0.62	-0.0098	+1	35	57.9	-7.613+	4.12	-0.095	
1466	Lal. 30235	7.5	3	97.5	16	32	24.83	+3.0670+	0.65	-0.0150	+0	15	29.3	-7.478+	4.17	-0.205
1467	Lal. 30265-6	6.5	4	97.5	32	25.84	+2.5439+	0.35	+0.0063	+23	05	05.3	-7.477+	3.47	-0.138	
1468	Lal. 30258	8	3	94.5	32	50.63	+3.1208+	0.68	-0.0095	-2	13	24.0	-7.443+	4.26	-0.236	
1469	Weisse 16 ^h , 626	8.5	3	94.5	34	39.42	+2.9478+	0.53	+0.004	+5	43	21.3	-7.295+	4.03	-0.35	
1470	W. Arg. 12773	8.5	3	95.4	36	47.62	+3.5559+	1.14		-21	08	33.2	-7.121+	4.88		
1471	W. Arg. 12796	8.5	4	94.3	16	38	14.67	+3.5200+	1.08	-0.005	-19	39	13.6	-7.002+	4.84	-0.11
1472	Weisse 16 ^h , 1155-6	8.5	3	97.2	38	20.56	+2.5983+	0.36	-0.006	+20	44	12.9	-6.995+	3.58	-0.25	
1473	Lal. 30540	7	3	97.5	39	41.30	+1.5688+	0.65	+0.0160	+50	08	13.4	-6.884+	2.18	-0.096	
1474	Lal. 30525	7	3	97.2	40	39.30	+2.5150+	0.34	-0.0170	+23	54	42.2	-6.805+	3.47	0.000	
1475	B. D. +2°, 3173	8.5	4	94.8	41	29.62	+3.0199+	0.56		+2	23	56.0	-6.735+	4.18		
1476	Brad. 2134	7.5	3	94.5	16	41	35.92	+3.0191+	0.56	-0.0053	+2	25	52.3	-6.727+	4.18	+0.015
1477	Lal. 30534	7.5	2	97.0	42	27.59	+3.4375+	0.93	-0.0126	-16	08	24.6	-6.656+	4.76	-0.255	
1478	Lal. 30591	7.5	2	97.0	44	13.96	+3.3460+	0.83	-0.0068	-12	12	06.7	-6.509+	4.64	-0.118	
1479	D'Agelet 4374-6	6.5	2	96.0	44	43.75	+2.7701+	0.41		+13	26	41.0	-6.468+	3.85		
1480	Cinc. Z. 2773	8	2	96.0	44	55.14	+3.5445+	1.03		-20	26	46.5	-6.452+	4.92		
1481	Weisse 16 ^h , 844	8.5	2	97.0	16	45	52.67	+2.9625+	0.51	+0.003	+4	57	52.2	-6.373+	4.12	-0.10
1482	Groom. 2391	6	3	96.5	47	46.71	-2.7543+	12.69	+0.0212	+77	41	40.9	-6.215-	3.79	+0.186	
1483	Lal. 30730	9	2	97.0	47	49.66	+2.5141+	0.34	+0.003	+23	43	12.4	-6.211+	3.51	-0.11	
1484	W. Arg. 12923	8.5	3	96.5	48	38.46	+3.5515+	1.00		-20	37	20.8	-6.143+	4.95		
1485	Weisse 16 ^h , 912	8.5	2	97.0	50	04.04	+3.1841+	0.64	-0.012	-4	59	52.8	-6.024+	4.45	+0.08	
1486	Cinc. Z. 2791	8.5	3	94.5	16	52	27.63	+3.5191+	0.92		-19	14	32.8	-5.824+	4.93	
1487	Lal. 30813-4	8.5	3	97.5	52	30.73	+3.6310+	1.04	-0.0041	-23	34	56.4	-5.820+	5.09	-0.098	
1488	P. 16 ^h , 251	6.5	3	97.5	53	37.40	+3.4910+	0.88	-0.0042	-18	05	05.1	-5.727+	4.90	-0.129	
1489	26 Ophiuchi	6.5	2	97.0	53	43.60	+3.6654+	1.07	+0.0036	-24	49	42.7	-5.718+	5.15	-0.060	
1490	B. D. -20°, 4610	9	5	94.7	55	34.47	+3.5583+	0.93		-20	42	51.8	-5.563+	5.01		
1491	Lal. 30953	8.5	2	98.0	16	55	42.40	+2.7209+	0.38	+0.0070	+15	18	41.5	-5.552+	3.83	+0.136
1492	D'Agelet 4414	6	2	96.0	56	32.19	+2.5324+	0.33		+22	47	14.6	-5.482+	3.57		
1493	P. 16 ^h , 274	7.5	3	97.5	58	23.93	+3.4751+	0.82	+0.0015	-17	20	29.1	-5.325+	4.91	-0.103	
1494	Lal. 31039	7	3	95.2	58	24.21	+2.7353+	0.37	-0.0126	+14	39	56.8	-5.324+	3.86	-0.164	
1495	Lal. 31015	7	3	97.5	58	36.82	+3.3590+	0.72	-0.0035	-12	31	35.7	-5.307+	4.75	-0.110	
1496	Bonn vi, 16 ^h , 99	8	3	96.5	16	59	03.55	+3.5433+	0.86		-20	02	43.8	-5.269+	5.01	
1497	Brad. 2166	7	3	94.5	59	08.09	+2.7577+	0.38	-0.0015	+13	43	07.6	-5.263+	3.90	-0.132	
1498	Lal. 31068, mean	7.5	3	97.5	17	00	33.07	+3.3898+	0.72	-0.0031	-13	47	27.8	-5.144+	4.80	-0.076
1499	Cinc. Z. 2806	9	2	96.0	00	56.35	+3.5269+	0.84		-19	21	39.3	-5.110+	5.00		
1500	Lal. 31135	8	3	94.5	01	27.28	+2.7800+	0.38	-0.0157	+12	44	41.5	-5.067+	3.94	+0.130	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800 +	R. A 1895.0.		Precession. 1895 + <i>t</i> .	P. M	Decl. 1895.0.			Precession. 1895 + <i>t</i> .	P. M.
					H. M.	S.	S.	S.	°	'	"	"	"
1501	Lal. 31123	7.5	2	97.0	17 01	44.25	+3.1342+0.54 <i>t</i>	+0.0075	— 2	43	28.4	—5.043+4.44 <i>t</i>	—0.160
1502	Lal. 31171	6.5	2	97.0	03	23.07	+3.1574+0.54	—0.0049	— 3	44	33.2	—4.903+4.48	—0.140
1503	Lal. 31196	8	3	97.5	04	17.12	+3.2639+0.60	+0.0010	— 8	23	19.9	—4.827+4.64	—0.095
1504	Lal. 31236	7	3	94.5	04	43.13	+2.8396+0.40	—0.0095	+10	10	33.9	—4.790+4.04	—0.138
1505	Lal. 31210	7.5	3	97.5	04	50.28	+3.3621+0.67		—12	34	03.8	—4.780+4.78	
1506	Weisse 17 ^h , 101	8	2	97.0	17 06	19.08	+2.4758+0.32	—0.0176	+24	39	20.6	—4.654+3.53	+0.260
1507	B. D. —20°, 4677 . . .	9	3	94.5	07	08.66	+3.5733+0.81		—21	02	30.7	—4.584+5.09	
1508	O. Arg. 16897	8.5	3	94.5	07	44.29	+1.4439+0.60		+51	21	16.1	—4.533+2.07	
1509	Weisse 17 ^h , 152-4 . . .	9	2	97.0	08	04.61	+2.5743+0.32	—0.015	+20	55	53.0	—4.505+3.67	—0.14
1510	B. D. +11°, 3142 . . .	8	3	95.2	09	55.14	+2.8194+0.37		+10	58	53.7	—4.347+4.03	
1511	Lal. 31344	8.5	2	96.0	17 10	17.84	+3.5277+0.74		—19	13	08.8	—4.315+5.04	
1512	Lal. 31388	7	2	98.0	10	24.32	+2.6024+0.32	—0.0065	+19	48	26.9	—4.305+3.72	—0.156
1513	Weisse 17 ^h , 136	8	3	94.5	10	33.19	+2.8191+0.36	—0.0051	+10	59	08.0	—4.293+4.04	—0.193
1514	Brad. 2182	7	3	97.5	11	42.30	+3.6535+0.81	+0.0052	—23	57	23.4	—4.194+5.23	—0.083
1515	P. 17 ^h , 45	7.5	2	97.0	13	21.93	+3.1343+0.48	—0.0122	— 2	41	51.1	—4.052+4.49	—0.055
1516	B. D. +25°, 3233 . . .	9	4	95.0	17 13	28.30	+2.4547+0.31		+25	15	46.7	—4.044+3.52	
1517	Lal. 31573	8	3	94.5	14	04.55	+1.4710+0.55	—0.008	+50	42	57.9	—3.992+2.12	+0.131
1518	Lal. 31485	6	3	96.5	14	22.29	+3.2058+0.50	0.000	— 5	48	13.0	—3.966+4.60	—0.169
1519	Lal. 31510-1	8.5	2	97.0	14	41.48	+2.9196+0.39	—0.0180	+ 6	39	33.6	—3.939+4.19	+0.102
1520	Weisse 17 ^h , 407	9	2	98.0	16	07.20	+2.5972+0.31	+0.003	+19	54	39.8	—3.816+3.73	—0.11
1521	Lal. 31564	8	4	97.0	17 17	04.74	+3.5338+0.66		—19	20	52.5	—3.733+5.08	
1522	D'Agelet 4480	7.5	2	96.0	17	27.64	+2.4934+0.30		+23	47	19.6	—3.701+3.59	
1523	Lal. 31662	6.5	3	97.2	18	08.58	+2.4600+0.30	+0.0091	+24	59	04.9	—3.642+3.54	—0.172
1524	W. Arg. 13328	9	3	95.5	18	28.26	+3.5600+0.66		—20	20	20.7	—3.614+5.12	
1525	W. Arg. 13349	8.5	3	94.5	19	37.55	+3.5309+0.63		—19	12	01.7	—3.514+5.08	
1526	44 Ophiuchi	4.5	3	97.5	17 19	57.38	+3.6609+0.71	—0.0027	—24	04	42.5	—3.486+5.27	—0.124
1527	D'Agelet 4490	6.5	3	96.5	20	45.56	+2.2248+0.30		+32	45	53.0	—3.417+3.21	
1528	Cinc. Z. 2849	9	3	95.6	21	08.55	+3.5633+0.64		—20	25	32.8	—3.384+5.13	
1529	W. Arg. 13414	8.5	3	94.5	24	46.23	+3.5904+0.61		—21	24	12.9	—3.071+5.19	
1530	P. 17 ^h , 123	8	3	97.5	24	47.01	+2.5329+0.29	0.0000	+22	13	11.5	—3.069+3.66	—0.118
1531	Weisse 17 ^h , 430	9	3	97.2	17 25	25.57	+3.0171+0.37	0.000	+ 2	24	24.6	—3.014+4.36	—0.12
1532	Weisse 17 ^h , 719	9	3	98.2	26	12.86	+2.6325+0.30		+18	24	35.8	—2.946+3.81	
1533	W. Arg. 13440	8.5	4.3	95.5	26	42.74	+3.6003+0.58	+0.002	—21	44	56.3	—2.902+5.21	—0.25
1534	Weisse 17 ^h , 497	8	4	95.0	29	01.71	+3.1115+0.38	+0.0075	— 1	41	02.5	—2.702+4.51	—0.15
1535	Weisse 17 ^h , 919	8.5	3	98.5	31	48.89	+2.6262+0.18		+18	35	42.0	—2.460+3.81	
1536	Anon.	9	3	98.2	17 33	11.02	+2.6251+0.28		+18	37	33.3	—2.341+3.81	
1537	B. D. +18°, 3423 . . .	9	3	98.2	33	41.25	+2.6250+0.28	—0.011	+18	37	25.9	—2.297+3.81	—0.21
1538	P. 17 ^h , 189	8	2	97.0	33	47.91	+1.5701+0.40	+0.0074	+48	31	29.9	—2.287+2.28	—0.170
1539	P. 17 ^h , 180	7	4	95.0	34	04.21	+2.9886+0.32	—0.0129	+ 3	37	02.5	—2.264+4.34	—0.096
1540	B. D. +18°, 3424 . . .	9	4	98.0	34	05.70	+2.6249+0.28		+18	37	28.4	—2.261+3.81	
1541	B. D. +18°, 3426 . . .	9	3	98.2	17 34	26.54	+2.6259+0.28		+18	34	51.5	—2.232+3.81	
1542	Cinc. Z. 2877	8.5	2	96.0	34	43.53	+3.5541+0.47		—19	55	07.6	—2.207+5.16	
1543	Lal. 32322	8	2	97.0	36	04.69	+2.0611+0.29	—0.0355	+37	15	51.2	—2.090+3.00	—0.810
1544	P. 17 ^h , 203	6	2	98.0	37	15.90	+2.6911+0.27	0.0000	+16	00	02.7	—1.986+3.91	+0.115
1545	Weisse 17 ^h , 1187-8 . .	8.5	3	98.2	38	09.38	+2.6706+0.27	+0.002	+16	48	37.7	—1.909+3.88	+0.09
1546	83 Herculis	6	2	97.0	17 38	10.10	+2.4629+0.26	—0.0057	+24	37	02.1	—1.907+3.58	—0.096
1547	Lal. 32329	7.5	2	97.0	38	12.77	+3.1625+0.32	—0.0090	— 3	51	45.8	—1.903+4.60	—0.216
1548	Lal. 32390	7.5	4	97.5	38	49.36	+2.5435+0.26	—0.0068	+21	40	33.5	—1.850+3.70	—0.572
1549	84 Herculis	6	2	97.0	39	03.01	+2.4695+0.26	—0.0093	+24	22	23.8	—1.831+3.59	+0.082
1550	W. Arg. 13635	9	3	95.6	40	25.52	+3.5866+0.41		—21	06	04.4	—1.710+5.22	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800 +	R. A. 1895.0.			Precession. 1895 + <i>t</i> .		P. M.	Decl. 1895.0.			Precession. 1895 + <i>t</i> .		P. M.
					H.	M.	S.	S.	S.		°	'	"	"	"	
1551	Lal. 32443-4	8	3	98.2	17	40	28.13	+2.6053+0.26	+0.0124		+19	19	58.1	-1.707+3.79	+0.075	
1552	Lal. 32422	7.5	3	97.5		40	49.48	+3.2584+0.33	0.000		-7	56	22.9	-1.676+4.74	-0.125	
1553	D'Agelet 4558	7	2	96.0		41	43.28	+2.2545+0.26			+31	32	46.5	-1.598+3.28		
1554	Lal. 32553	7	4	95.0		44	01.23	+3.0262+0.28	-0.0027		+1	59	34.8	-1.397+4.41	+0.093	
1555	W. Arg. 13691	9	3	95.6		44	29.07	+3.6050+0.36			-21	45	35.2	-1.356+5.25		
1556	Rüm. 6053	9.5	3	97.0	17	46	16.64	+3.0252+0.27			+2	02	07.2	-1.200+4.41		
1557	D'Agelet 4578	7	2	96.0		47	14.22	+2.7062+0.25			+15	21	05.3	-1.116+3.94		
1558	W. Arg. 13731	9	4	95.0		47	16.70	+3.5884+0.32			-21	07	46.9	-1.112+5.23		
1559	Cinc. Z. 2903	9	4	96.1		48	08.14	+3.5435+0.31			-19	25	44.7	-1.038+5.17		
1560	Lal. 32723	7.5	2	97.0		48	58.54	+3.1528+0.26	0.000		-3	26	14.5	-0.965+4.60	-0.157	
1561	Lal. 32762	6	2	97.0	17	49	19.49	+2.8092+0.24	-0.0047		+11	09	23.6	-0.934+4.10	-0.152	
1562	Cinc. Z. 2909	8.5	4	96.0		50	59.57	+3.5636+0.27			-20	10	59.4	-0.788+5.19		
1563	Lal. 32903	8	4	95.1		51	48.63	+2.7913+0.24	+0.0034		+11	53	27.1	-0.717+4.07	-0.094	
1564	P. 17 ^h , 301	7	3	98.2		52	00.89	+2.6223+0.23	+0.0116		+18	37	35.1	-0.699+3.82	0.000	
1565	Lal. 32869	8.5	3	96.8		52	09.32	+2.9580+0.24			+4	54	05.0	-0.686+4.31		
1566	B. D. +11°, 3303	9.5	2	98.6	17	53	32.08	+2.7921+0.22			+11	51	11.1	-0.566+4.07		
1567	B. D. +11°, 3311	9	5	98.6		55	43.30	+2.7910+0.21			+11	53	46.1	-0.374+4.07		
1568	W. Arg. 13927	9	3	95.6		58	33.68	+3.5811+0.19			-20	49	34.0	-0.126+5.22		
1569	Cinc. Z. 2947	8	2	96.0	18	01	23.57	+3.6092+0.17			-21	52	20.3	+0.122+5.26		
1570	Lal. 33321	8.5	3	97.5		02	36.45	+2.6909+0.20	-0.0072		+15	56	19.5	+0.228+3.92	-0.190	
1571	Rüm. 6257	9	3.4	94.8	18	02	38.07	+1.2515+0.25			+53	43	10.7	+0.230+1.82		
1572	Lal. 33324	7	2	98.0		02	38.45	+2.6916+0.20	0.000		+15	54	28.9	+0.231+3.92	-0.154	
1573	Lal. 33328	8.5	3	97.6		02	41.57	+2.6907+0.20			+15	56	35.8	+0.236+3.92		
1574	W. Arg. 14036	9	2	96.0		03	56.61	+3.5949+0.12			-21	20	44.2	+0.345+5.24		
1575	Lal. 33442	7	3	97.6		04	22.79	+1.4335+0.24	-0.005		+50	48	20.3	+0.383+2.09	+0.10	
1576	Lal. 33402	6	3	97.5	18	04	23.67	+2.0875+0.22	-0.0089		+36	23	27.0	+0.384+3.04	-0.185	
1577	Cinc. Z. 2960	9	3	96.6		04	26.75	+3.5377+0.11			-19	11	11.7	+0.389+5.16		
1578	W. Arg. 14048	8.5	2	96.0		04	29.78	+3.5946+0.11			-21	19	51.8	+0.393+5.24		
1579	Lal. 33472	6	3	98.6		06	19.73	+2.0857+0.21			+36	26	42.6	+0.553+3.04		
1580	B. D. +36°, 3043	9.5	2	98.6		07	41.57	+2.0877+0.22			+36	23	41.2	+0.673+3.04		
1581	Cinc. Z. 2984	9	3	94.6	18	10	45.62	+3.5414+0.05			-19	20	32.1	+0.941+5.15		
1582	W. Arg. 14194	9	3	95.6		11	20.40	+3.5753+0.04			-20	37	47.7	+0.992+5.20		
1583	Lal. sup. 2661	8	2	98.0		13	56.16	+2.6302+0.17	-0.0062		+18	20	30.6	+1.219+3.82	-0.107	
1584	Mün. 15971	7	3	97.6		14	18.10	+3.2991+0.07	-0.008		-9	37	59.5	+1.250+4.80	-0.23	
1585	B. D. -21°, 4955	9	3	94.6		14	19.98	+3.5961-0.01			-21	25	26.7	+1.253+5.22		
1586	Cinc. Z. 2997	9	4	95.1	18	15	00.00	+3.5959-0.01			-21	25	06.4	+1.312+5.22		
1587	Lal. 33876	8	2	98.0		17	07.03	+2.7009+0.16	0.000		+15	34	50.8	+1.496+3.92	-0.15	
1588	Rüm. 6458	9.5	2.3	94.6		17	55.64	+1.3942+0.14			+51	32	52.4	+1.566+2.02		
1589	Cinc. Z. 3012	8	4	97.0		18	42.12	+3.5798-0.07			-20	50	19.0	+1.634+5.20		
1590	B. D. +51°, 2363	9	4	97.0		19	18.50	+1.3934+0.13			+51	34	30.4	+1.687+2.02		
1591	Lal. 34190	8.5	2	98.0	18	24	02.40	+2.6735+0.14	+0.0168		+16	42	27.1	+2.100+3.87	-0.048	
1592	Mün. 16468	8	2	96.0		25	12.05	+3.5912-0.14			-21	19	18.7	+2.200+5.20		
1593	Lal. 34215	7.5	3	97.6		25	33.84	+3.3571-0.05	-0.0064		-12	05	16.7	+2.232+4.86	-0.181	
1594	Lal. 34192	8.5	3	97.6		25	41.36	+3.7369-0.23	-0.0125		-26	34	01.6	+2.243+5.40	-0.154	
1595	Lal. 34288	7.5	3	97.6		26	11.62	+2.5694+0.15	-0.0015		+20	45	01.3	+2.287+3.71	-0.212	
1596	Cinc. Z. 3037	9	3	95.5	18	26	20.59	+3.5909-0.16			-21	19	03.9	+2.300+5.19		
1597	W. Arg. 14513	8.5	4	95.0		28	46.61	+3.5452-0.16			-19	36	48.6	+2.511+5.12		
1598	Lal. 34383	8.5	3	97.5		29	16.72	+3.0263+0.05	+0.0042		+1	59	55.7	+2.555+4.37	-0.122	
1599	P. 18 ^h , 127	7	3	97.6		29	20.52	+2.0082+0.17	-0.0025		+38	45	24.4	+2.560+2.89	-0.082	
1600	Cinc. Z. 3049	8.5	4	96.1		30	01.33	+3.5530-0.18			-19	55	27.1	+2.619+5.12		

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800 +	R. A. 1895.0.	Precession. 1895 + <i>t</i> .	P. M.	Decl. 1895.0.	Precession. 1895 + <i>t</i> .	P. M.
					H. M. S.	S.	S.	° ' "	"	"
1601	Weisse 18 ^h , 849 . . .	8.5	4	98.1	18 30 43.88	+2.7081+0.12	-0.005	+15 23 06.4	+2.681+3.91	-0.15
1602	Lal. 34442	7.5	2	97.0	30 53.17	+3.1805-0.02	+0.0025	- 4 39 16.8	+2.695+4.59	-0.183
1603	O. Arg. 18404	8.5	3	95.1	31 26.82	+1.3991+0.04	+0.020	+51 38 44.7	+2.743+2.10	-0.34
1604	Weisse 18 ^h , 740 . . .	8	4	97.0	32 25.98	+2.7868+0.10	-0.008	+12 11 06.1	+2.828+4.02	-0.15
1605	Weisse 18 ^h , 971 . . .	9	2	97.1	34 04.31	+2.5772+0.14	-0.004	+20 32 27.5	+2.969+3.71	-0.25
1606	Cinc. Z. 3071	8.5	4	94.8	18 35 01.78	+3.5420-0.24		-19 33 37.5	+3.053+5.09	
1607	Mün. 17045	9	3	95.6	35 42.93	+3.5549-0.25		-20 03 50.1	+3.112+5.11	
1608	O. Arg. 18540-1 . . .	9	4	94.8	38 25.75	+1.2451-0.07		+54 11 56.0	+3.346+1.78	
1609	Lal. 34812	7	3	97.6	40 48.22	+3.4145-0.22	-0.0052	-14 34 08.4	+3.551+4.89	-0.225
1610	W. Arg. 14717	8.5	4	97.1	41 26.17	+3.5507-0.32	+0.007	-19 58 42.5	+3.605+5.08	-0.03
1611	III Herculis	4.5	2	97.1	18 42 23.05	+2.6440+0.10	+0.0036	+18 03 53.4	+3.688+3.78	+0.120
1612	Weisse 18 ^h , 1295-6 .	9	3	97.9	44 15.28	+2.6631+0.10	-0.027	+17 19 59.6	+3.848+3.80	-0.45
1613	W. Arg. 14775	8.5	4	95.1	44 55.86	+3.5430-0.35		-19 44 13.9	+3.906+5.04	
1614	Lal. 35061	7.5	3	97.9	45 15.97	+2.7168+0.08	+0.0090	+15 11 12.6	+3.935+3.87	+0.154
1615	Lal. 35089-90	7.5	3	97.6	46 32.88	+3.0060-0.03	-0.001	+ 2 54 36.5	+4.045+4.28	-0.11
1616	Lal. 35197	9	3	95.6	18 48 50.40	+3.1806-0.14	-0.0065	- 4 43 24.1	+4.241+4.51	-0.37
1617	W. Arg. 14847	6	2	97.1	49 28.04	+3.4595-0.33	-0.0057	-16 30 14.9	+4.295+4.91	-0.168
1618	D'Agelet 4858	6	3	97.9	51 28.15	+2.6498+0.08	-0.0050	+17 58 26.5	+4.465+3.75	-0.165
1619	Cinc. Z. 3119	8.5	3	96.6	51 30.02	+3.5959-0.47		-21 52 39.4	+4.468+5.09	
1620	W. Arg. 14881	9	4	95.1	51 57.17	+3.5915-0.47		-21 43 18.3	+4.507+5.09	
1621	Weisse 18 ^h , 1605 . . .	8.5	3	97.3	18 53 55.90	+2.5490+0.10	-0.014	+21 56 10.1	+4.676+3.60	-0.08
1622	W. Arg. 14916	8.5	4	95.1	54 13.01	+3.5463-0.46		-20 01 41.4	+4.699+5.01	
1623	II Aquilæ	6	2	97.1	54 15.65	+2.7610+0.04	-0.0014	+13 28 58.8	+4.703+3.90	-0.109
1624	W. Arg. 14928	8.5	4	95.0	54 53.30	+3.5461-0.47		-20 01 58.7	+4.757+5.00	
1625	W. Arg. 14931	9	3	95.6	54 59.43	+3.6042-0.52		-22 15 52.1	+4.765+5.08	
1626	Lal. 35476	7	3	97.9	18 54 59.97	+2.6975+0.06	-0.0064	+16 06 39.6	+4.766+3.80	-0.131
1627	Lacl. 7968	6	3	97.5	56 02.03	+3.6772-0.61	-0.0053	-24 59 29.2	+4.854+5.19	-0.179
1628	Mün. 18422	9.5	4	98.1	56 09.31	+2.6275+0.08	-0.017	+18 56 34.7	+4.864+3.70	-0.54
1629	Lal. 35528	8	3	97.9	56 23.92	+2.7121+0.06	-0.0241	+15 32 08.4	+4.885+3.89	0.000
1630	W. Arg. 14958	8.5	2	96.1	56 52.87	+3.5668-0.51		-20 52 35.4	+4.926+5.02	
1631	W. Arg. 15003	8.5	3	95.5	18 59 31.73	+3.5705-0.54		-21 04 30.3	+5.150+5.01	
1632	Lal. 35635	8.5	4	96.1	59 47.05	+3.5335-0.51		-19 38 24.2	+5.171+4.96	
1633	P. 18 ^h , 320	7.5	3	97.6	19 02 51.31	+2.5974+0.08	-0.0062	+20 15 59.0	+5.431+3.63	-0.223
1634	Weisse 19 ^h , 16-7 . . .	7.5	2	97.1	03 33.83	+2.5653+0.09	+0.0022	+21 31 51.8	+5.490+3.58	+0.115
1635	Cinc. Z. 3156	8.5	4	94.4	03 38.12	+3.5563-0.58		-20 37 07.0	+5.496+4.96	
1636	Mün. 18942	9	3	97.9	19 03 45.89	+2.6511+0.06	-0.008	+18 09 10.1	+5.507+3.70	-0.13
1637	Mün. 19110	9	3	97.9	06 25.61	+2.6352+0.06	0.000	+18 51 09.4	+5.731+3.66	-0.15
1638	Mün. 19120	8.5	4	94.4	06 50.43	+3.5479-0.61		-20 21 56.4	+5.766+4.93	
1639	Mün. 19131	8	3	95.6	06 56.12	+3.5538-0.62		-20 35 52.5	+5.773+4.94	
1640	Lal. 36074	8	3	97.9	07 44.25	+2.6894+0.04	+0.0091	+16 40 46.8	+5.841+3.73	-0.171
1641	Lacl. 8054	6.5	2	97.1	19 09 09.39	+3.6505-0.76	+0.0070	-24 21 28.7	+5.959+5.06	-0.107
1642	W. Arg. 15189	8.5	3	96.6	09 49.87	+3.5657-0.66		-21 08 18.6	+6.016+4.94	
1643	W. Arg. 15196	8.5	3	96.6	10 05.56	+3.5654-0.66		-21 08 01.7	+6.038+4.94	
1644	Lal. 36204	8	4	94.4	10 38.05	+2.8163-0.02	+0.008	+11 22 35.3	+6.083+3.88	-0.16
1645	Weisse 19 ^h , 278 . . .	9	3	94.7	14 08.38	+3.0881-0.21		- 0 42 05.8	+6.374+4.24	
1646	Lacl. 8080	8	2	97.1	19 14 18.53	+3.6474-0.82	-0.0033	-24 24 01.9	+6.388+5.02	-0.117
1647	P. 19 ^h , 75	7.5	2	97.1	15 07.85	+2.9711-0.13	-0.0025	+ 4 35 09.2	+6.457+4.08	-0.115
1648	Green. 12 y. 1719 . .	7	2	97.1	16 27.50	+3.5534-0.72	0.0000	-20 50 19.9	+6.566+4.87	-0.095
1649	Brad. 3250	6	2	97.1	16 57.60	+3.0826-0.22	+0.0024	- 0 27 03.1	+6.608+4.22	-0.030
1650	Cinc. Z. 3212	9	3	96.6	17 36.03	+3.5284-0.71		-19 52 28.4	+6.661+4.83	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0.			Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895.0.			Precession. 1895+ <i>t</i> .	P. M.
					H. M.	S.	S.			°	'	"		
1651	Weisse 19 ^h , 505 . . .	8	3	94.6	19 18	51.09	+2.6053+0.06 <i>t</i>	0.000		+20 22	16.8		+6.764+3.55 <i>t</i>	-0.27
1652	Lal. 36670	7.5	3	97.6	20 11	45	+2.5652+0.07	+0.0122		+21 59	53.9		+6.874+3.49	-0.040
1653	Lal. 36669	8	2	97.1	20 50	09	+3.0000-0.17			+ 3 18	40.2		+6.927+4.08	
1654	Brad. 2462	6	2	96.1	21 53	04	+2.6246+0.05	-0.0035		+19 40	58.4		+7.013+3.56	-0.044
1655	W. Arg. 15424 . . .	8.5	3	96.0	23 31	69	+3.5200-0.75			-19 42	25.0		+7.148+4.76	
1656	6 Vulpeculæ	4.5	4	95.1	19 24	20.19	+2.5054+0.09	-0.0100		+24 27	08.5		+7.213+3.38	-0.101
1657	Lal. 36868	7.5	3	97.5	25 15	91	+3.2196-0.40	-0.0101		- 6 43	46.7		+7.290+4.35	-0.113
1658	Weisse 19 ^h , 617 . . .	8.5	3	97.6	26 49	77	+2.9600-0.16	+0.006		+ 5 10	45.6		+7.417+3.99	-0.11
1659	Lal. 36972	8	4	98.1	26 56	56	+2.6795+0.02	-0.0010		+17 33	51.3		+7.426+3.60	-0.130
1660	Lal. 36976	7.5	3	97.6	28 13	59	+3.4405-0.69	+0.0094		-16 32	15.4		+7.530+4.62	-0.175
1661	Lal. 37064	7	2	97.1	19 28	54.49	+2.5821+0.06	-0.004		+21 37	11.5		+7.585+3.46	-0.21
1662	μ Aquilæ	4.5	2	96.1	28 57	60	+2.9172-0.13	+0.0134		+ 7 09	21.7		+7.590+3.90	-0.139
1663	P. 19 ^h , 166	7	3	97.6	29 23	07	+3.5474-0.85	+0.0035		-21 00	25.0		+7.624+4.76	-0.180
1664	Lal. 37090	8.5	3	97.6	29 31	07	+2.5784+0.06	0.000		+21 47	30.3		+7.634+3.45	+0.12
1665	P. 19 ^h , 211	6.5	4	95.1	31 36	62	+1.5512-0.20	0.0000		+51 00	40.3		+7.803+2.05	-0.196
1666	Weisse 19 ^h , 734 . . .	6.5	3	97.5	19 31	39.39	+3.3918-0.66	-0.008		-14 31	55.3		+7.807+4.53	-0.11
1667	Weisse 19 ^h , 939 . . .	8.5	3	97.6	32 02	93	+2.6088+0.05	0.000		+20 39	09.5		+7.839+3.47	-0.16
1668	Weisse 19 ^h , 975 . . .	8.5	3	97.6	32 54	87	+2.5935+0.06	-0.009		+21 18	18.9		+7.909+3.45	0.00
1669	Mün. 21137	9	4	97.1	33 19	78	+3.5156-0.85			-19 50	35.9		+7.942+4.67	
1670	B. D. +12°, 4008 . .	9	4	94.4	34 01	13	+2.8012-0.06			+12 29	02.1		+7.998+3.71	
1671	Groom. 2907	6	4	95.1	19 36	19.59	+1.3470-0.43	+0.0052		+54 43	39.3		+8.182+1.76	+0.143
1672	Mün. 21407	9	3	94.7	36 26	54	+3.0690-0.29			+ 0 10	10.7		+8.191+4.05	
1673	Lal. 37453	8.5	3	97.6	37 13	13	+2.5342+0.08	-0.004		+23 50	35.7		+8.253+3.34	-0.195
1674	Weisse 19 ^h , 1147 . .	8.5	2	97.1	37 23	89	+2.5522+0.07	+0.007		+23 08	12.1		+8.268+3.36	-0.14
1675	Groom. 2909	6	3	96.6	37 35	77	+1.8433+0.00	+0.0091		+45 16	34.1		+8.284+2.42	+0.200
1676	Weisse 19 ^h , 940 . . .	8	4	94.8	19 38	20.00	+2.8194-0.07			+11 46	11.5		+8.342+3.70	
1677	Mün. 21639	9	3	95.9	39 52	92	+3.5426-0.97			-21 11	53.9		+8.465+4.65	
1678	Mün. 21719	7.5	2	97.1	41 12	77	+3.4888-0.89	0.000		-19 00	02.2		+8.571+4.56	-0.14
1679	Mün. 21799	8.5	4	95.2	42 18	81	+2.8335-0.09			+11 12	56.3		+8.658+3.69	
1680	Mün. 21865	9	3	96.6	43 34	21	+3.5345-0.99			-21 00	30.4		+8.756+4.60	
1681	Weisse 19 ^h , 1077 . .	9	4	95.2	19 44	06.55	+2.8434-0.10			+10 48	09.5		+8.799+3.69	
1682	B. D. +10°, 4065 . .	8	3	94.7	44 48	82	+2.8402-0.10			+10 58	02.7		+8.854+3.68	
1683	Mün. 21959	9	3	94.7	44 50	31	+2.8459-0.10			+10 42	15.3		+8.856+3.68	
1684	Weisse 19 ^h , 1125 . .	9	4	94.5	46 07	75	+2.8371-0.10			+11 08	09.6		+8.957+3.66	
1685	19 Cygni	5.5	3	97.6	46 50	73	+2.1243+0.12	0.0000		+38 27	08.7		+9.014+2.73	+0.118
1686	Mün. 22086	8.5	3	96.6	19 47	04.47	+3.4961-0.96			-19 32	06.3		+9.031+4.51	
1687	20 Cygni	5.5	3	97.6	47 59	58	+1.5077-0.30	-0.0028		+52 43	17.1		+9.103+1.92	-0.082
1688	D'Agelet 5210-3 . .	5	2	96.2	48 09	02	+2.9867-0.24			+ 4 07	42.9		+9.115+3.85	
1689	W. Arg. 15782	8.5	2	96.1	49 51	23	+3.4845-0.97			-19 09	05.8		+9.248+4.47	
1690	Weisse 19 ^h , 1240 . .	9	4	95.2	51 12	42	+2.8776-0.14			+ 9 21	56.9		+9.353+3.67	
1691	Mün. 22345	8.5	4	94.4	19 51	28.65	+2.8726-0.13	0.000		+ 9 36	20.8		+9.373+3.66	-0.07
1692	Lal. 38035	8.5	2	97.1	51 31	88	+2.6005+0.06	0.000		+21 46	48.1		+9.378+3.32	0.10
1693	Lal. 37994	7.5	3	97.5	51 47	15	+3.2170-0.55	0.000		- 6 58	26.0		+9.398+4.11	-0.156
1694	Lal. 38097	7	2	97.1	52 52	62	+2.5528+0.08	-0.013		+23 48	36.4		+9.481+3.25	-0.19
1695	Cinc. Z. 3317	8.5	3	95.9	53 10	34	+3.4984-1.02			-19 53	04.6		+9.505+4.45	
1696	Mün. 22501	9	4	95.2	19 54	02.15	+2.9330-0.20			+ 6 46	40.7		+9.571+3.72	
1697	Mün. 22505	9	3	94.2	54 05	49	+2.8864-0.15			+ 9 00	34.0		+9.576+3.66	
1698	Weisse 19 ^h , 1306 . .	8.5	3	97.5	54 25	13	+3.3496-0.77	0.000		-13 16	42.9		+9.601+4.25	-0.11
1699	Lal. 38239	7.5	3	95.6	56 11	76	+2.5902+0.07	0.000		+22 25	44.5		+9.736+3.27	-0.28
1700	Cinc. Z. 3326	9	2	96.1	56 36	73	+3.4841-1.03			-19 24	52.0		+9.769+4.39	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800 +	R. A. 1895.0.			Precession. 1895 + <i>t</i> .	P. M.	Decl. 1895.0.			Precession. 1895 + <i>t</i> .	P. M.
					H.	M.	S.	S.	S.	°	'	"	"	"
1701	Lal. 38242	8	2	97.1	19	57	18.94	+3.2641—0.65 <i>t</i>	0.0000	— 9	19	53.0	+ 9.822+4.11 <i>t</i>	—0.075
1702	Lal. 38279	7.5	5	94.8	57	48.86		+2.9069—0.18		+ 8	06	14.0	+ 9.860+3.65	
1703	D'Agelet 5278	6.5	2	96.1	57	54.51		+2.7762—0.05		+14	17	23.4	+ 9.867+3.48	
1704	62 Aquilæ	6	2	97.1	58	58.63		+3.0929—0.40	—0.0015	— 1	00	07.5	+ 9.948+3.88	—0.118
1705	Mün. 22878	9.5	3	94.7	59	21.56		+2.8993—0.17		+ 8	29	54.2	+ 9.978+3.62	
1706	Lal. 38371	7	4	96.1	19	59	51.51	+3.0357—0.32	0.0000	+ 1	49	25.5	+10.016+3.80	—0.141
1707	Mün. 23003	9	4	96.4	20	01	02.01	+2.8873—0.15		+ 9	06	58.6	+10.105+3.60	
1708	P. 19 ^h , 404	7.5	4	94.4	02	33.72		+3.3880—0.90	0.0000	—15	19	58.0	+10.220+4.20	—0.127
1709	Mün. 23106	9	3	95.6	02	40.27		+3.4872—1.10		—19	49	34.9	+10.228+4.32	
1710	P. 19 ^h , 410	7.5	3	97.3	03	25.34		+3.5108—1.16	+0.0010	—20	53	53.7	+10.284+4.36	—0.075
1711	P. 19 ^h , 417	7.5	2	97.1	20	04	20.31	+3.4823—1.10	0.0000	—19	41	19.6	+10.353+4.31	—0.093
1712	Lal. 38613	7.5	3	97.7	04	47.21		+2.7340—0.02	—0.0011	+16	29	33.0	+10.387+3.37	+0.195
1713	θ Sagittæ	6.5	3	97.2	05	18.57		+2.6433+0.05	+0.0022	+20	36	11.7	+10.426+3.26	+0.110
1714	W. Arg. 15974	8	2	97.1	06	40.55		+3.5626—1.31	—0.001	—23	17	58.4	+10.528+4.37	—0.13
1715	Cinc. Z. 3356	9	3	96.7	06	43.33		+3.4650—1.09		—19	01	49.5	+10.531+4.25	
1716	Lal. 38760	7.5	3	97.3	20	08	35.48	+3.0961—0.43	—0.0068	— 1	11	31.2	+10.670+3.78	+0.195
1717	Mün. 23537	8.5	4	96.4	08	41.05		+2.8858—0.13	—0.007	+ 9	22	31.5	+10.677+3.51	—0.22
1718	D'Agelet 5358—9	6	2	96.1	09	10.11		+2.5713+0.10		+23	55	14.3	+10.713+3.12	
1719	Mün. 23584	8.5	2	96.1	09	21.74		+3.5239—1.25		—21	46	56.4	+10.727+4.30	
1720	Mün. 23597	8.5	4	96.2	09	38.94		+3.4663—1.12		—19	13	50.1	+10.748+4.22	
1721	29 b ³ Cygni	5	3	97.3	20	10	36.12	+2.2402+0.18	+0.0049	+36	29	04.4	+10.818+2.70	+0.088
1722	Groom. 3100	7	4.3	95.2	10	53.22		+1.5908—0.26	+0.0024	+52	48	03.2	+10.840+1.90	+0.151
1723	Mün. 23747	9	4	96.9	11	43.90		+2.7696—0.04		+15	06	46.4	+10.902+3.34	
1724	Lal. 39001	8.5	5	94.9	14	05.73		+3.2447—0.70	—0.004	— 8	46	38.7	+11.075+3.89	—0.22
1725	D'Agelet 5403	6.5	2	96.1	15	10.31		+2.8538—0.12		+11	08	22.1	+11.153+3.41	
1726	Lal. 39083—4	8	2	96.2	20	15	25.12	+2.8672—0.14		+10	28	49.5	+11.171+3.43	
1727	D'Agelet 5408	5	2	96.1	15	35.29		+2.7235+0.01		+17	27	46.9	+11.183+3.25	
1728	Lal. 39085	8.5	3	94.7	16	02.94		+3.2301—0.68		— 8	05	19.8	+11.217+3.86	
1729	B. D. +10°, 4265	9.5	3	96.7	18	20.26		+2.8613—0.13		+10	52	09.0	+11.382+3.39	
1730	Mün. 24281	8.5	3	96.6	18	48.42		+2.8947—0.17		+ 9	11	48.6	+11.416+3.43	
1731	Brad. 3256	7	3	97.3	20	19	01.12	+3.6815—1.77	0.0000	—29	00	13.0	+11.431+4.37	0.000
1732	Lal. 39205	7.5	3	95.7	19	03.75		+3.2487—0.73		— 9	06	32.6	+11.434+3.84	
1733	Groom. 3157	6	3	96.6	19	18.42		+2.0619+0.16	+0.0054	+42	38	40.1	+11.452+2.42	+0.032
1734	P. 20 ^h , 134	6.5	2	96.2	20	57.88		+3.0228—0.34		+ 2	36	50.7	+11.571+3.55	
1735	D'Agelet 5434	6	3	96.6	21	06.43		+2.8092—0.06		+13	34	10.5	+11.581+3.30	
1736	P. 20 ^h , 139	8	3	94.7	20	22	00.12	+3.1194—0.51	—0.0095	— 2	27	46.6	+11.645+3.66	—0.072
1737	P. 20 ^h , 140	7	3	94.7	22	00.78		+3.1191—0.51	—0.0090	— 2	26	47.2	+11.646+3.66	—0.062
1738	Lal. 39366	7	3	95.6	22	44.65		+3.2586—0.77		— 9	43	03.8	+11.697+3.81	
1739	P. 20 ^h , 149	6	2	96.2	22	59.19		+3.0235—0.35		+ 2	35	22.4	+11.715+3.53	
1740	Brad. 2627	7.5	3	97.3	23	00.95		+3.4297—1.15	+0.0016	—18	13	12.3	+11.716+4.01	—0.116
1741	Lal. sup. 3347	7	3	97.7	20	23	31.27	+2.7118+0.03	+0.026	+18	25	25.1	+11.752+3.16	—0.07
1742	D'Agelet 5443	7.5	2	96.1	23	35.93		+2.8692—0.13		+10	38	19.8	+11.758+3.34	
1743	43 Cygni	6	3	96.6	23	49.79		+1.8262+0.01	+0.0064	+49	02	05.1	+11.774+2.11	+0.049
1744	Cinc. Z. 3421	8.5	3	95.6	24	44.54		+3.4613—1.24		—19	47	59.5	+11.839+4.02	
1745	W. Arg. 16233	9	3	96.7	29	19.71		+3.4801—1.33		—20	58	36.8	+12.161+3.98	
1746	W. Arg. 16234	9	3	96.7	20	29	21.57	+3.4480—1.25		—19	27	17.7	+12.163+3.95	
1747	Weisse 20 ^h , 989	8.5	3	97.3	30	35.13		+2.6807+0.08	—0.005	+20	18	54.7	+12.248+3.04	+0.09
1748	Weisse 20 ^h , 735	8	4	96.4	30	48.80		+2.7891—0.03		+15	00	15.8	+12.264+3.17	
1749	Weisse 20 ^h , 763	9	3	94.7	31	51.04		+2.8029—0.04		+14	21	09.7	+12.336+3.17	
1750	Weisse 20 ^h , 802	9	3	95.2	33	28.68		+2.9757—0.27	+0.003	+ 5	16	54.0	+12.447+3.34	—0.09

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> . S.	P. M. S.	Decl. 1895.0. ° / "	Precession. 1895+ <i>t</i> . "	P. M. "
1751	Brad. 2669	7.5	2	97.2	20 34 49.91	+2.8722—0.12 <i>t</i>	0.0000	+10 52 34.3	+12.540+3.21 <i>t</i>	+0.090
1752	D'Agelet 5533	7	3	97.7	36 00.30	+2.7036+0.07	+0.0120	+19 33 13.9	+12.620+3.02	+0.348
1753	Mün. 25593	9	3	96.4	36 09.42	+3.4439—1.30		—19 40 37.9	+12.630+3.85	
1754	P. 20 ^h , 272	5	3	96.0	37 08.89	+2.7534+0.03		+17 08 44.0	+12.697+3.05	
1755	Cinc. Z. 3463	8.5	3	94.6	37 42.99	+3.4816—1.42		—21 36 38.9	+12.736+3.86	
1756	ψ Capricorni	4.5	3	96.7	20 39 52.70	+3.5646—1.69	—0.0058	—25 38 53.1	+12.881+3.93	—0.154
1757	Cinc. Z. 3475	9	3	94.7	40 32.85	+3.4456—1.34		—20 03 01.9	+12.926+3.78	
1758	Mün. 25944	9	2	96.2	40 55.33	+2.7085+0.09		+19 38 01.1	+12.951+2.96	
1759	Weisse 20 ^h , 1311	9	3	97.7	40 56.44	+2.7262+0.07	—0.003	+18 44 49.8	+12.953+2.99	—0.16
1760	Lal. sup. 3466	9	3	97.3	42 52.58	+3.4617—1.41	+0.0132	—21 00 21.8	+13.081+3.77	—0.101
1761	Lal. sup. 3469	8.5	2	97.2	20 43 11.00	+3.4614—1.41	+0.0218	—21 00 49.0	+13.102+3.77	—0.258
1762	Cinc. Z. 3487	8.5	2	96.2	44 00.00	+3.4421—1.36		—20 06 45.8	+13.155+3.73	
1763	Weisse 20 ^h , 1084	9	3	95.7	44 15.11	+2.9449—0.22		+ 7 13 24.2	+13.172+3.18	
1764	Weisse 20 ^h , 1090	8.5	4	95.2	44 27.69	+2.9453—0.22		+ 7 12 17.3	+13.186+3.18	
1765	15 Delphini	6.5	3	97.3	44 37.54	+2.8558—0.08	+0.0034	+12 09 10.2	+13.197+3.09	+0.102
1766	Mün. 26216	9	3	95.7	20 44 55.74	+2.8945—0.13	+0.008	+10 02 49.3	+13.217+3.11	+0.14
1767	Yar. 9334	8.5	3	96.7	45 25.34	+3.4662—1.45		—21 25 06.2	+13.249+3.74	
1768	Mün. 26250	9	2	97.2	45 30.49	+2.8950—0.14		+10 02 21.5	+13.255+3.11	
1769	56 Cygni	5.5	3	94.7	46 21.24	+2.1183+0.30	+0.0119	+43 39 49.9	+13.310+2.25	+0.125
1770	B. D. +6°, 4670	9.5	2	96.1	46 41.35	+2.9558—0.24		+ 6 40 18.2	+13.332+3.16	
1771	D'Agelet 5609—11	6	3	96.0	20 47 40.45	+2.7564+0.06		+17 37 58.4	+13.397+2.93	
1772	W. Arg. 16472	8.5	3	96.7	48 34.20	+3.4187—1.33		—19 14 51.1	+13.455+3.64	
1773	W. Arg. 16484	9	4	96.2	49 23.99	+3.3738—1.21		—16 57 10.2	+13.508+3.57	
1774	B. D. +63°, 167	9.5	3	95.3	50 07.85	+1.1183—1.46		+63 14 55.1	+13.556+1.14	
1775	B. D. +10°, 4407	9	2	96.1	50 10.60	+2.8939—0.12		+10 17 13.2	+13.558+3.05	
1776	Mün. 26574	9	3	95.7	20 50 16.22	+2.8936—0.12	0.000	+10 18 18.2	+13.564+3.05	—0.12
1777	Rüm. 8673	8	3	97.7	50 20.15	+2.7649+0.06	—0.003	+17 21 40.9	+13.568+2.92	—0.12
1778	P. 20 ^h , 387	8	3	97.3	50 32.93	+2.5564+0.26	+0.0047	+27 41 33.2	+13.583+2.68	—0.087
1779	P. 20 ^h , 378	7.5	4	95.2	50 38.07	+2.9472—0.23	—0.0061	+ 7 16 00.4	+13.588+3.12	—0.078
1780	W. Arg. 16504	9	4	96.7	51 14.12	+3.4695—1.51		—22 01 59.7	+13.627+3.65	
1781	Lal. 40496	7	3	95.3	20 51 48.18	+3.0716—0.46	—0.0030	+ 0 03 43.6	+13.663+3.24	—0.083
1782	B. D. —23°, 430	9.5	3	95.7	52 08.70	+3.4854—1.57		—22 54 00.4	+13.685+3.66	
1783	Lal. 40521	8.5	3	97.4	52 47.63	+3.3114—1.05	+0.0042	—13 46 11.3	+13.727+3.47	—0.138
1784	Brad. 2725	6.5	3	96.6	52 59.87	+1.9606+0.23	0.0000	+48 47 30.3	+13.740+2.02	0.000
1785	Lal. 40591	9	3	94.7	54 06.32	+3.0609—0.43	—0.004	+ 0 41 36.1	+13.810+3.18	—0.17
1786	Lal. 40596	9	2	96.2	20 54 09.99	+3.0615—0.43	+0.0136	+ 0 39 17.5	+13.814+3.18	+0.136
1787	Mün. 26839	9	3	94.7	54 27.19	+3.0832—0.48		— 0 37 48.8	+13.832+3.20	
1788	Brad. 2726	6	3	96.6	54 33.92	+2.1363+0.35	+0.0093	+44 03 45.6	+13.839+2.19	+0.072
1789	Cinc. Z. 3533	9	4	95.3	56 09.42	+3.4575—1.52		—21 49 39.3	+13.939+3.56	
1790	Weisse 20 ^h , 1727	8.5	3	97.7	57 24.99	+2.7344+0.13	0.000	+19 28 51.9	+14.019+2.80	+0.22
1791	Lal. 40749—51, m.	7.5	3	97.4	20 57 43.37	+3.0539—0.42	—0.0100	+ 1 07 09.4	+14.037+3.14	—0.045
1792	W. Arg. 16582	8	3	95.7	58 17.10	+3.3994—1.34		—18 56 20.5	+14.073+3.47	
1793	Weisse 20 ^h , 1443	7	3	96.7	58 21.97	+3.0308—0.36	—0.0141	+ 2 30 50.1	+14.078+3.09	—0.095
1794	Cinc. Z. 3542	9	3	94.7	58 58.92	+3.4595—1.55		—22 10 19.0	+14.116+3.52	
1795	4 Equulei	6.5	3	97.4	21 00 14.50	+2.9810—0.26	—0.0069	+ 5 32 36.0	+14.194+3.02	—0.125
1796	Lal. 40899	8.5	3	94.8	21 01 25.25	+2.8609—0.04	—0.0024	+12 41 51.5	+14.267+2.89	—0.133
1797	Weisse 20 ^h , 1519	8.5	3	95.7	01 25.96	+2.8604—0.04		+12 43 56.7	+14.268+2.89	
1798	P. 21 ^h , 1	6	3	96.7	04 11.59	+2.5416+0.37		+29 46 52.6	+14.436+2.51	
1799	Cinc. Z. 3561	9.5	4	95.3	04 41.85	+3.4038—1.41		—19 41 03.0	+14.467+3.37	
1800	Lal. 41042	8	3	97.7	04 57.56	+2.8121+0.05	—0.0129	+15 44 00.1	+14.483+2.79	—0.125

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> . S.	P. M. S.	Decl. 1895.0. ° ' "	Precession. 1895+ <i>t</i> . "	P. M. "
1801	Weisse 21 ^h , 53 . . .	8	3	97.4	21 05 28.09	+2.7311+0.17 <i>t</i>	-0.013	+20 18 50.9	+14.513+2.70 <i>t</i>	0.00
1802	Lal. 41126-7 . . .	8	3	94.8	07 01.09	+2.9077-0.10	+0.0116	+10 12 27.2	+14.607+2.84	+0.020
1803	3 Piscis Austr. . .	6	3	97.4	07 03.82	+3.5605-2.00	+0.0066	-28 02 51.5	+14.609+3.51	-0.115
1804	Weisse 21 ^h , 104-5 .	8.5	4	97.5	07 15.60	+2.6703+0.26	+0.030	+23 44 05.3	+14.621+2.61	+0.12
1805	Weisse 21 ^h , 127 . .	8	3	95.7	07 26.55	+2.1574+0.46	-0.025	+45 02 04.6	+14.632+2.09	-0.27
1806	Weisse 21 ^h , 152 . .	8.5	3	95.7	21 08 15.67	+2.1600+0.46		+45 03 41.5	+14.681+2.09	
1807	Cinc. Z. 3568 . . .	8.5	3	95.7	10 23.79	+3.3968-1.44		-19 46 40.7	+14.808+3.28	
1808	B. D. -14°, 5979 . .	9	3	96.7	10 32.45	+3.3050-1.13		-14 28 07.6	+14.816+3.19	
1809	P. 21 ^h , 63	6.5	2	96.3	11 27.21	+2.2767+0.52	+0.0021	+41 35 07.7	+14.870+2.17	+0.138
1810	B. D. +6°, 4792 . .	9	2	96.2	12 57.60	+2.9653-0.20		+ 6 52 21.2	+14.958+2.82	
1811	Cinc. Z. 3580 . . .	9	4.3	96.0	21 13 00.53	+3.4119-1.51		-20 51 47.1	+14.961+3.25	
1812	Mün. 27948	9	3	97.7	13 13.14	+2.8224+0.07	+0.007	+15 42 59.0	+14.973+2.69	-0.24
1813	P. 21 ^h , 68	7.5	2	96.3	13 27.58	+2.9395-0.14		+ 8 31 09.1	+14.987+2.78	
1814	Lal. 41386	7.5	2	97.3	13 30.36	+2.8979-0.06	0.0000	+11 07 44.7	+14.990+2.76	-0.075
1815	Cinc. Z. 3588 . . .	8.5	3	95.7	15 19.30	+3.4112-1.52		-21 02 36.9	+15.095+3.21	
1816	W. Arg. 16766 . . .	8.5	2	96.3	21 16 09.11	+3.3859-1.44		-19 40 14.1	+15.143+3.18	
1817	34 Vulpeculæ . . .	6	2	96.3	16 19.52	+2.6934+0.29	+0.0146	+23 24 48.9	+15.153+2.52	-0.114
1818	Brad. 2773	7	2	97.2	16 20.60	+3.2234-0.89	0.0000	- 9 46 23.5	+15.154+3.03	-0.058
1819	33 Capricorni . . .	6	2	97.2	18 12.38	+3.4107-1.55	-0.0031	-21 17 53.2	+15.260+3.16	-0.134
1820	Cinc. Z. 3600 . . .	8.5	4	96.2	18 17.83	+3.3923-1.47		-20 14 36.1	+15.265+3.14	
1821	Weisse 21 ^h , 370 . .	8.5	3	97.4	21 18 28.85	+3.0549-0.41	-0.011	+ 1 10 08.6	+15.275+2.84	-0.11
1822	D'Agelet 5772 . . .	7.5	2	96.3	19 17.03	+2.9248-0.09		+ 9 43 21.3	+15.320+2.82	
1823	D'Agelet 5785 . . .	7.5	2	96.3	21 10.72	+2.9268-0.09		+ 9 41 25.6	+15.427+2.79	
1824	Brad. 2792	6	3	94.7	21 28.19	+2.1815+0.59	+0.0176	+46 15 34.3	+15.443+1.97	+0.051
1825	Cinc. Z. 3612 . . .	9	3	95.7	21 52.53	+3.3762-1.44		-19 38 13.8	+15.466+3.07	
1826	Lal. 41734	7	3	95.7	21 22 09.48	+2.8342+0.10	-0.0094	+15 40 16.6	+15.482+2.57	-0.091
1827	B. D. -17°, 6293 . .	9	4	96.3	23 43.95	+3.3376-1.35		-17 27 39.1	+15.569+3.00	
1828	D'Agelet 5797 . . .	8	2	96.2	24 06.75	+2.9016-0.02		+11 29 44.7	+15.590+2.59	
1829	B. D. -19°, 6109 . .	9.5	3	94.8	24 21.45	+3.3629-1.41		-19 04 22.2	+15.603+3.02	
1830	Weisse 21 ^h , 546 . .	8.5	2	96.2	24 41.81	+2.7506+0.27	0.000	+21 01 05.1	+15.622+2.46	-0.13
1831	B. D. -17°, 6301 . .	9	3	95.7	21 24 41.90	+3.3347-1.31		-17 21 59.2	+15.622+2.98	
1832	Mün. 28611	9	4	97.7	25 13.31	+2.8040+0.18	0.000	+17 49 05.0	+15.651+2.50	-0.15
1833	Lal. 41835	7	2	97.2	25 57.43	+3.2224-0.91	-0.0122	-10 12 12.2	+15.691+2.86	-0.163
1834	Cinc. Z. 3622 . . .	8.5	3	94.8	26 57.07	+3.3584-1.41		-19 02 33.3	+15.745+2.97	
1835	B. D. -20°, 6244 . .	8.5	2	97.7	29 20.95	+3.3810-1.52		-20 41 10.3	+15.874+2.94	
1836	Cinc. Z. 3631 . . .	9	4	96.2	21 29 23.80	+3.3757-1.50		-20 21 42.0	+15.877+2.93	
1837	D'Agelet 5820-1 . .	7.5	2	96.2	29 50.45	+2.8101+0.20		+17 51 41.3	+15.900+2.43	
1838	ρ Cygni	4.5	3	96.8	30 01.72	+2.2553+0.70	-0.0042	+45 07 39.4	+15.910+1.94	-0.097
1839	72 Cygni	5	2	97.3	30 29.18	+2.4371+0.66	+0.0097	+38 03 48.4	+15.934+2.10	+0.102
1840	P. 21 ^h , 200	7	2	96.3	30 41.91	+2.7120+0.38		+23 59 02.0	+15.946+2.33	
1841	Lal. 42092	8.5	3	97.7	21 31 29.43	+2.8079+0.22	+0.0163	+18 09 43.1	+15.988+2.42	+0.133
1842	B. D. -16°, 5899 . .	8.5	3	95.8	31 42.20	+3.3155-1.28		-16 46 31.0	+15.999+2.84	
1843	Weisse 21 ^h , 715 . .	7.5	4	95.2	32 14.22	+3.0710-0.44	-0.008	+ 0 06 44.3	+16.027+2.64	-0.06
1844	D'Agelet 5850-1 . .	6.5	2	96.3	34 01.28	+2.7014+0.43		+25 01 30.3	+16.120+2.28	
1845	B. D. -16°, 5909 . .	9	3	95.8	34 02.03	+3.3078-1.26		-16 28 51.1	+16.121+2.80	
1846	24 Aquarii	7	3	97.4	21 34 06.73	+3.0799-0.45	+0.0144	- 0 31 33.2	+16.125+2.61	+0.016
1847	Weisse 21 ^h , 770 . .	7.5	2	97.2	34 34.16	+3.2160-0.92	0.000	-10 15 54.8	+16.149+2.72	-0.18
1848	Anon.	9.5	3	94.8	34 49.15	+3.0643-0.40		+ 0 36 00.4	+16.162+2.57	
1849	B. D. -17°, 6344 . .	9.5	3	95.4	34 57.87	+3.3195-1.31		-17 20 36.7	+16.170+2.79	
1850	41 Capricorni . . .	6.5	2	97.2	36 02.01	+3.4181-1.75	+0.0048	-23 44 17.0	+16.225+2.87	-0.100

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0. H. M. S.	Precession. 1895+ <i>t</i> . S.	P. M. S.	Decl. 1895.0. ° / "	Precession. 1895+ <i>t</i> . "	P. M. "
1851	W. Arg. 16989	8.5	3	95.8	21 37 59.97	+3.3744—1.57 <i>t</i>		—21 14 35.5	+16.325+2.79 <i>t</i>	
1852	ι Piscis Aust.	4.5	3	97.4	38 41.64	+3.5843—2.60	0.0000	—33 30 18.0	+16.360+2.97	—0.104
1853	Lal. 42382	8	3	97.7	39 05.46	+2.8090+0.27	+0.0106	+18 52 24.2	+16.380+2.31	0.000
1854	Mün. 29372	9	3	96.1	39 19.23	+3.2946—1.23		—16 04 53.0	+16.392+2.70	
1855	Lal. 42390	6	3	94.8	39 27.51	+2.8766+0.13	+0.0152	+14 17 37.2	+16.399+2.36	—0.103
1856	Weisse 21 ^h , 942	9	3	97.7	21 40 00.20	+2.7978+0.30	—0.013	+19 43 00.4	+16.426+2.28	—0.12
1857	Lal. 42407	8	3	97.4	40 39.03	+3.3267—1.38	0.0000	—18 24 16.6	+16.459+2.71	—0.137
1858	Mün. 29472	8.5	4	95.8	41 16.39	+3.3647—1.55		—21 00 23.2	+16.490+2.72	
1859	Brad. 2852	7	3	97.4	41 37.04	+2.7174+0.47	+0.0111	+25 04 37.4	+16.507+2.18	+0.044
1860	Weisse 21 ^h , 964	8.5	3	94.8	41 51.82	+2.9842—0.16	0.000	+ 6 39 20.9	+16.519+2.42	—0.09
1861	B. D. —15°, 6076 . . .	9.5	3	95.4	21 44 22.24	+3.2753—1.18		—15 12 20.1	+16.642+2.59	
1862	W. Arg. 17053	9	3	95.8	44 27.33	+3.3702—1.60		—21 46 01.4	+16.647+2.67	
1863	D'Agelet 5917	7	2	96.3	44 32.44	+2.8019+0.33		+19 58 24.3	+16.651+2.21	
1864	Lal. 42553	8	3	94.8	44 50.89	+3.0868—0.46	—0.0100	— 1 05 42.1	+16.666+2.46	—0.066
1865	Weisse 21 ^h , 1104	8.5	2	96.3	47 02.41	+2.7433+0.48	—0.011	+24 11 40.8	+16.772+2.12	—0.17
1866	B. D. —15°, 6088 . . .	9	3	95.1	21 48 05.08	+3.2693—1.17		—15 07 29.1	+16.822+2.52	
1867	Cinc. Z. 3679	9	3	95.8	48 23.58	+3.3442—1.51		—20 30 30.5	+16.836+2.58	
1868	Lal. 42734—6	8	3	94.8	50 23.04	+2.9413+0.02	—0.0088	+10 23 12.4	+16.930+2.25	—0.100
1869	D'Agelet 5951	7	2	96.3	50 25.79	+2.8069+0.38		+20 21 09.3	+16.932+2.12	
1870	Cinc. Z. 3687	8.5	4	95.5	50 45.07	+3.3473—1.55		—21 01 51.2	+16.947+2.53	
1871	Rüm. 9647	9.5	3	97.8	21 50 50.00	+2.8797+0.20	+0.017	+15 06 41.2	+16.951+2.18	—0.17
1872	Brad. 2870	7	3	94.8	52 43.01	+3.1457—0.68	0.0000	— 5 55 22.7	+17.039+2.35	—0.114
1873	D'Agelet 5961	7.5	2	96.3	52 43.14	+2.8188+0.37		+19 48 10.2	+17.039+2.10	
1874	B. D. —15°, 6112 . . .	9.5	4	95.5	53 35.79	+3.2642—1.18		—15 17 45.0	+17.079+2.42	
1875	Lal. 42898	7.5	2	97.3	55 25.60	+3.2390—1.08	—0.0035	—13 31 42.0	+17.162+2.37	—0.113
1876	Bonn vi, 21 ^h , 68	8.5	4	96.3	21 56 10.27	+3.2685—1.21		—15 54 13.1	+17.196+2.38	
1877	Lal. 42934	8	2	96.2	56 20.70	+3.0922—0.45	+0.0102	— 1 38 01.3	+17.204+2.24	—0.085
1878	B. D. —15°, 6121 . . .	9	4	95.5	56 27.41	+3.2627—1.19		—15 28 58.8	+17.209+2.37	
1879	Lal. 43019—20	7.5	2	97.3	58 57.75	+3.1820—0.83	0.000	— 9 13 27.9	+17.320+2.27	—0.063
1880	D'Agelet 5990	7	2	96.3	59 20.87	+2.9574+0.04		+ 9 43 53.2	+17.337+2.09	
1881	Weisse 21 ^h , 1437	8.5	3	97.8	21 59 21.02	+2.8313+0.42	+0.013	+19 45 33.5	+17.337+2.00	—0.11
1882	ν Pegasi	5	2	96.3	22 00 23.03	+3.0196—0.18	+0.0059	+ 4 32 42.2	+17.383+2.13	+0.096
1883	ξ Cephei	4.5	3	96.8	00 45.01	+1.7028+0.26	+0.0306	+64 06 58.7	+17.398+1.16	+0.066
1884	D'Agelet 6005—6	7	2	96.3	02 19.70	+2.9668+0.03		+ 9 09 30.4	+17.467+2.05	
1885	P. 21 ^h , 406	6.5	3	96.8	02 28.48	+2.8472+0.40		+18 57 42.7	+17.474+1.97	
1886	Cinc. Z. 3718	8	4.3	96.8	22 03 33.80	+3.3029—1.43		—19 30 09.2	+17.520+2.27	
1887	Cinc. Z. 3719	9	2	96.3	03 54.34	+3.3139—1.49		—20 24 12.9	+17.534+2.27	
1888	Mün. 30362	8	3	95.8	05 22.91	+2.8608+0.39	+0.021	+18 16 54.4	+17.597+1.94	0.00
1889	Weisse 22 ^h , 82	9	3	96.8	05 40.45	+2.8105+0.54	—0.043	+22 16 55.0	+17.609+1.90	—0.06
1890	Brad. 2918	7.5	3	94.8	06 41.06	+3.2026—0.95	—0.0015	—11 35 00.3	+17.651+2.15	+0.006
1891	W. Arg. 17267	9	3	95.1	22 06 54.05	+3.2521—1.19		—15 49 30.6	+17.660+2.17	
1892	Bonn vi, 22 ^h , 7	7.5	3	95.8	08 57.10	+3.2467—1.18		—15 37 12.4	+17.744+2.13	
1893	W. Arg. 17291	8	3	95.1	09 03.44	+3.2536—1.22		—16 13 18.4	+17.748+2.13	
1894	P. 22 ^h , 33	7	3	95.8	09 15.73	+2.8866+0.35	—0.0094	+16 40 17.0	+17.757+1.90	—0.095
1895	Lal. 43386	7.5	4	95.3	09 17.06	+3.1423—0.65	0.000	— 6 24 17.1	+17.758+2.05	—0.13
1896	Fed. 4085	7.5	2	96.3	22 11 56.39	+2.2323+1.37	+0.025	+54 08 52.1	+17.865+1.40	+0.05
1897	D'Agelet 6050	8	3	96.1	12 13.13	+2.8295+0.56		+21 51 50.6	+17.876+1.80	
1898	W. Arg. 17322	8.5	3	95.1	12 26.88	+3.3163—1.59		—21 57 08.3	+17.885+2.11	
1899	B. D. —15°, 6192 . . .	9	5	95.8	13 59.44	+3.2306—1.12		—14 50 18.7	+17.945+2.02	
1900	Cinc. Z. 3765	8	3	95.8	16 37.08	+3.2928—1.48		—20 42 02.3	+18.047+2.02	

No.	NAME.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0.	Precession. 1895+ <i>t</i> .	P. M.	Decl. 1895 0.	Precession. 1895+ <i>t</i> .	P. M.
					H. M. S.	S.	S.	° / "	"	"
1901	D'Agelet 6072 . . .	7	3	96.1	22 18 53.30	+2.9223+0.34 <i>t</i>		+14 45 00.0	+18.133+1.74 <i>t</i>	
1902	Cinc. Z. 3771 . . .	9	4	95.5	19 30.45	+3.2731-1.40		-19 27 23.9	+18.156+1.95	
1903	53 f Aquarii . . .	6.5	3	96.8	20 52.48	+3.2469-1.25	+0.0142	-17 16 35.0	+18.206+1.91	0.000
1904	Cinc. Z. 3784 . . .	9	4	95.5	22 41.74	+3.2802-1.47		-20 39 10.3	+18.272+1.90	
1905	Mün. 30997 . . .	9	3	95.8	22 46.62	+3.2240-1.13		-15 23 10.8	+18.275+1.86	
1906	Lal. 43867-8 . . .	7.5	3	94.8	22 22 55.22	+2.9587+0.24	+0.0111	+11 42 47.8	+18.280+1.71	+0.030
1907	Cinc. Z. 3787 . . .	9	4	96.1	23 25.26	+3.2859-1.51		-21 18 19.9	+18.298+1.88	
1908	37 Pegasi . . .	6.5	3	96.8	24 39.47	+3.0358-0.12	-0.0036	+ 3 53 52.3	+18.342+1.72	-0.148
1909	P. 22 ^h , 127 . . .	7	3	96.8	25 21.62	+3.0370-0.11		+ 3 47 39.8	+18.367+1.70	
1910	W. Arg. 17442 . . .	9	3	95.8	25 23.87	+3.2231-1.14		-15 40 19.8	+18.368+1.81	
1911	Cinc. Z. 3794 . . .	9	4	95.5	22 26 41.06	+3.2785-1.50		-21 14 58.1	+18.413+1.82	
1912	Lal. 44019 . . .	7	2	96.3	27 02.88	+3.1374-0.64	+0.0172	- 7 00 29.5	+18.426+1.73	+0.015
1913	B. D. -15°, 6242 . .	9.5	3	95.8	28 37.03	+3.2127-1.09		-15 06 07.9	+18.480+1.74	
1914	B. D. -15°, 6246 . .	9.5	3	95.1	29 10.67	+3.2105-1.08		-14 57 38.3	+18.499+1.73	
1915	D'Agelet 6117 . . .	7	3	96.8	29 54.62	+2.7839+0.99		+29 24 53.6	+18.523+1.48	
1916	B. D. -15°, 6249 . .	9	3	95.8	22 31 24.45	+3.2093-1.08		-15 10 34.5	+18.573+1.68	
1917	63 Aquarii . . .	5.5	2	96.3	32 19.11	+3.1143-0.50	-0.0061	- 4 46 10.3	+18.603+1.62	-0.110
1918	Lal. 44231 . . .	8	3	94.8	32 42.63	+2.9446+0.39	+0.004	+14 26 44.9	+18.615+1.54	-0.16
1919	Cinc. Z. 3807 . . .	8.5	3	95.8	32 50.23	+3.2669-1.49		-21 22 47.8	+18.620+1.69	
1920	Cinc. Z. 3808 . . .	8.5	3	95.8	33 00.28	+3.2644-1.48		-21 09 52.9	+18.626+1.68	
1921	Lal. 44285 . . .	8	3	97.8	22 33 49.09	+2.9267+0.49	+0.0118	+16 32 59.2	+18.652+1.49	+0.105
1922	Groom. 3848 . . .	6.5	3	97.5	35 10.33	+2.4837+1.86	+0.0181	+50 36 25.4	+18.695+1.23	+0.054
1923	O. Arg. 24470 . . .	8.5	3	96.8	35 18.46	+2.5511+1.75	-0.009	+47 12 06.3	+18.699+1.27	-0.41
1924	Cinc. Z. 3817 . . .	8.5	3	95.8	36 18.02	+3.2590-1.47		-21 19 54.8	+18.730+1.62	
1925	Cinc. Z. 3819 . . .	8	4	96.3	36 56.36	+3.2592-1.48		-21 29 40.0	+18.750+1.61	
1926	Lal. 44426 . . .	8	2	96.3	22 37 34.33	+3.0738-0.23	+0.0051	- 0 08 35.1	+18.770+1.50	-0.189
1927	Weisse 22 ^h , 851 . . .	8.5	4	97.8	37 59.06	+2.9210+0.58	-0.012	+17 56 08.1	+18.782+1.42	-0.20
1928	Lal. 44481-2 . . .	8.5	3	96.8	39 11.95	+3.0377-0.03	+0.002	+ 4 19 19.5	+18.819+1.44	-0.09
1929	B. D. -15°, 6269 . .	9	3.4	96.1	39 22.42	+3.1991-1.07		-15 21 10.7	+18.824+1.52	
1930	Cinc. Z. 3829 . . .	9	3	95.1	39 30.12	+3.2483-1.43		-20 54 27.1	+18.828+1.55	
1931	Cinc. Z. 3834 . . .	9	4	95.3	22 41 24.24	+3.2351-1.34		-19 52 12.5	+18.885+1.50	
1932	Rüm. 10608 . . .	9	3	97.8	41 43.00	+2.9231+0.62	0.000	+18 28 08.2	+18.894+1.34	-0.20
1933	Mün. 31577 . . .	9	3	97.8	42 03.99	+2.9292+0.60	+0.016	+17 49 41.5	+18.904+1.34	+0.17
1934	Weisse 1, 22 ^h , 851 . .	8	3	97.8	42 14.83	+2.9343+0.57	-0.018	+17 15 49.0	+18.910+1.34	-0.18
1935	B. D. +51°, 3472 . .	8.5	5	94.8	43 32.86	+2.5161+2.10		+51 48 36.0	+18.947+1.12	
1936	Groom. 3896 . . .	7	3	97.5	22 44 48.73	+2.5515+2.07	-0.0022	+50 25 32.7	+18.983+1.12	-0.146
1937	Cinc. Z. 3848 . . .	8.5	3	96.8	46 33.27	+3.2204-1.30		-19 20 35.3	+19.032+1.40	
1938	15 Lacertæ . . .	5	3	96.8	47 17.85	+2.6871+1.78	+0.0088	+42 45 15.9	+19.052+1.14	+0.018
1939	P. 22 ^h , 241 . . .	6.5	3	96.8	47 52.12	+2.9517+0.58		+16 17 02.9	+19.067+1.26	
1940	Lal. 44808-9 . . .	7	3	97.8	48 59.86	+2.9296+0.72	-0.0060	+19 20 13.9	+19.098+1.23	-0.128
1941	Lac. 9299 . . .	7.5	2	96.3	22 49 14.50	+3.2444-1.54	+0.0041	-22 55 20.5	+19.104+1.36	-0.203
1942	P. M. 2767 . . .	8.5	4	97.8	51 11.80	+2.9526+0.62	+0.0149	+16 53 48.8	+19.156+1.20	-0.177
1943	51 Pegasi . . .	5.5	3	96.1	52 18.41	+2.9294+0.78	+0.0152	+20 12 22.2	+19.184+1.17	+0.066
1944	B. D. -19°, 6373 . .	8.5	4	94.8	52 21.64	+3.2060-1.24		-18 55 37.6	+19.185+1.27	
1945	Weisse 1, 22 ^h , 1077 .	8.5	3	97.8	53 40.06	+2.9688+0.57	-0.007	+15 13 13.1	+19.219+1.16	-0.12
1946	B. D. -15°, 6326 . .	9	5	95.8	22 55 55.13	+3.1768-1.02		-15 46 23.8	+19.274+1.20	
1947	D'Agelet 6207 . . .	7	3	96.1	56 08.43	+2.9788+0.54		+14 18 25.8	+19.279+1.12	
1948	B. D. +48°, 3916 . .	9	4	95.3	58 27.32	+2.6644+2.30		+49 01 14.6	+19.333+0.95	
1949	Lal. 45113 . . .	7.5	4	97.0	58 43.67	+3.0558-0.02	+0.0107	+ 2 43 42.9	+19.340+1.10	-0.083
1950	W. Arg 17751 . . .	8.5	3	96.8	59 20.36	+3.1975-1.26		-19 39 31.2	+19.354+1.14	

No.	NAME.	Mag.	No. of Obs.	Epoch. 1800 +	R. A. 1895.0.			Precession. 1895 + <i>t</i> .	P. M.	Decl. 1895.0.			Precession. 1895 + <i>t</i> .	P. M.
					H.	M.	S.			°	'	"		
1951	P. 22 ^h , 300	6.5	2	97.8	23	01	04.91	+2.9625+0.73 <i>t</i>	+0.0145	+17	56	54.4	+19.394+1.02 <i>t</i>	+0.054
1952	Lal. 45197	8.5	3	96.8		01	28.38	+3.1524-0.86	0.000	-13	17	40.3	+19.402+1.08	-0.060
1953	Lal. sup. 3836	9	3	97.8		01	54.70	+2.9784+0.63	-0.012	+15	42	12.0	+19.412+1.01	-0.09
1954	O. Arg. 25152	8	3	94.8		02	32.02	+2.6919+2.39		+48	55	54.5	+19.425+0.90	
1955	5 Andromedæ	5.5	3	95.8		02	59.21	+2.6976+2.38	+0.0134	+48	43	25.3	+19.435+0.89	+0.120
1956	Lal. 45265-6	7.5	3	96.8	23	03	02.30	+3.0787-0.18	+0.0070	-1	04	01.2	+19.437+1.03	-0.025
1957	5 A Piscium	6	3	95.5		03	18.30	+3.0637-0.04	+0.0090	+1	33	21.3	+19.442+1.01	+0.111
1958	Weisse 23 ^h , 29	7	3	96.8		04	56.51	+3.1194-0.55	+0.003	-8	22	39.4	+19.476+1.00	-0.15
1959	Weisse 23 ^h , 46	8.5	3	97.8		05	32.98	+2.9683+0.79	-0.018	+18	20	40.9	+19.490+0.94	-0.22
1960	B. D. -15°, 6367	9.5	3	95.8		06	23.40	+3.1546-0.91		-14	49	39.4	+19.507+0.99	
1961	60 Pegasi	6.5	3	96.8	23	06	43.36	+2.9205+1.20	-0.0153	+26	16	49.1	+19.513+0.89	-0.116
1962	7 Andromedæ	5.5	3	96.5		07	44.25	+2.7270+2.50	+0.0084	+48	49	56.2	+19.534+0.82	+0.090
1963	Weisse 23 ^h , 110	9	3	97.8		08	43.01	+2.9723+0.82	+0.017	+18	41	01.8	+19.553+0.89	-0.04
1964	Lal. 45464-5	7.5	3	97.5		08	45.56	+3.1659-1.07		-17	28	50.5	+19.554+0.94	
1965	Cinc. Z. 3908	8	3	96.1		09	01.52	+3.1834-1.27		-20	35	26.1	+19.559+0.94	
1966	Weisse 23 ^h , 128	9	3	95.1	23	09	24.30	+3.0201+0.42	+0.004	+10	09	44.9	+19.566+0.87	-0.15
1967	Brad. 3079	7	2	96.3		09	50.39	+2.9215+1.29	+0.0009	+27	29	56.5	+19.575+0.84	0.000
1968	W. Arg. 17856	9	3	94.8		11	40.70	+3.1708-1.17		-19	20	40.1	+19.609+0.88	
1969	Weisse 23 ^h , 181	7.5	3	97.5		11	59.08	+3.1430-0.85		-14	12	50.8	+19.614+0.87	
1970	Lal. 45585	7.5	3	95.5		12	12.35	+3.0872-0.18	+0.0152	-2	05	33.3	+19.618+0.85	-0.072
1971	Weisse 23 ^h , 204	9	3	95.1	23	12	39.87	+3.0316+0.34	+0.031	+8	30	16.3	+19.626+0.83	-0.10
1972	94 Aquarii	5	3	96.8		13	35.30	+3.1398-0.84	+0.0185	-14	01	48.5	+19.643+0.84	-0.102
1973	96 Aquarii	5	3	95.5		13	57.34	+3.0992-0.37	+0.0116	-5	41	53.9	+19.650+0.82	-0.012
1974	Weisse 23 ^h , 268	8.5	4	97.0		15	15.22	+2.9700+1.02	+0.010	+21	34	46.1	+19.672+0.76	+0.15
1975	Weisse 23 ^h , 293	8.5	2	97.8		16	39.91	+3.0003+0.75	+0.025	+16	03	29.5	+19.695+0.75	-0.11
1976	Lal. 45767	7.5	2	97.8	23	16	58.72	+2.9877+0.89	+0.0020	+18	49	49.0	+19.700+0.74	-0.213
1977	D'Agelet 6300	7.5	3	96.1		17	31.39	+3.0629+0.07		+2	14	33.6	+19.709+0.75	
1978	B. D. +16°, 4917	9.5	2	97.8		17	35.61	+3.0001+0.78		+16	25	20.6	+19.710+0.73	
1979	Lal. 45800	7.5	5	95.2		18	13.51	+3.1593-1.15		-19	41	09.0	+19.720+0.75	
1980	Weisse 23 ^h , 337	8.5	3	96.5		18	28.46	+2.8298+2.45	+0.016	+45	13	02.6	+19.724+0.65	0.00
1981	Lal. 45829	7.5	3	96.8	23	19	06.12	+2.9823+1.01	-0.015	+20	50	16.6	+19.734+0.70	-0.02
1982	Weisse 23 ^h , 362	9	3	97.5		20	13.19	+3.0728-0.03		-0	02	48.9	+19.751+0.69	
1983	Lal. 45903	7	3	96.1		21	49.83	+3.0850-0.19	+0.0104	-3	12	43.4	+19.775+0.67	-0.093
1984	13 Andromedæ	6	3	96.5		22	03.64	+2.8719+2.32	+0.0062	+42	20	01.0	+19.778+0.60	+0.013
1985	Cinc. Z. 3944	9	4	95.3		22	13.05	+3.1545-1.18		-20	27	56.4	+19.780+0.67	
1986	W. Arg. 17965	8.5	5	95.0	23	24	16.47	+3.1518-1.20		-20	52	49.3	+19.810+0.63	
1987	Cinc. Z. 3956	9	3	96.8		24	42.54	+3.1544-1.25		-21	44	08.5	+19.815+0.62	
1988	Rüm. 11251	9	5	97.0		24	53.74	+3.0853-0.19		-3	34	02.1	+19.818+0.60	
1989	Lal. 46029	8	4	95.3		25	05.65	+2.8777+2.48	-0.002	+43	51	32.4	+19.820+0.56	-0.10
1990	14 Andromedæ	6	3	96.5		26	07.54	+2.9151+2.11	+0.0230	+38	39	35.5	+19.834+0.54	-0.061
1991	Lal. 46119	8	2	96.3	23	27	20.46	+2.9591+1.63	+0.0082	+30	51	56.6	+19.849+0.53	0.000
1992	Cinc. Z. 3964	9	4	95.0		27	36.83	+3.1396-1.09		-19	34	57.8	+19.853+0.56	
1993	Lal. 46147-8	7	4	94.8		28	15.82	+3.0154+0.89	+0.0144	+17	14	16.8	+19.860+0.52	+0.028
1994	P. 23 ^h , 121	7.5	3	96.5		28	51.77	+2.9018+2.50		+43	19	25.7	+19.868+0.49	
1995	Lacl. 9527	7.5	3	96.8		30	07.84	+3.1652-1.67	+0.0049	-28	04	00.1	+19.882+0.52	-0.105
1996	W. Arg. 18019	8.5	3	95.8	23	30	25.57	+3.1336-0.99		-19	31	41.1	+19.886+0.50	
1997	Weisse 23 ^h , 610	9	3	97.8		30	26.94	+3.0100+1.05	-0.017	+20	00	11.0	+19.886+0.49	-0.11
1998	D'Agelet 6348	8	3	97.8		30	43.59	+3.0177+0.94	+0.0456	+17	51	21.1	+19.890+0.48	+0.185
1999	W. Arg. 18026	9	5	95.0		31	33.41	+3.1403-1.14		-22	15	27.1	+19.899+0.48	
2000	W. Arg. 18034	8.5	3	96.5		32	59.08	+3.1369-1.13		-22	15	13.1	+19.913+0.45	

No.	Name.	Mag.....	No. of Obs.	Epoch. 1800+	R. A. 1895.0.			Precession. 1895+ <i>t</i> .		P. M.	Decl. 1895.0.			Precession. 1895+ <i>t</i> .		P. M.
					H.	M.	S.	S.	S.		°	'	''	''	''	
2001	Weisse 23 ^h , 737 . . .	8.5	3	97.8	23	35	31.97	+3.0214+1.08 <i>t</i>	+0.015		+19	46	54.1	+19.938+0.39 <i>t</i>	+0.08	
2002	P. 23 ^h , 157	8	3	96.5		36	28.44	+3.0884—0.30	—0.0109		— 6	33	53.6	+19.947+0.37	—0.111	
2003	λ Piscium	5	3	96.1		36	41.37	+3.0697+0.11	—0.0102		+ 1	12	06.7	+19.949+0.36	—0.155	
2004	Lal. 46481-3	8	3	94.8		37	52.66	+2.9852+1.95	+0.0015		+34	09	58.4	+19.959+0.34	—0.118	
2005	D'Agelet 6381-2 . . .	7	2	96.3		40	10.25	+3.0309+1.12			+19	49	57.3	+19.978+0.31		
2006	P. 23 ^h , 185	6.5	3	96.5	23	41	51.46	+3.0960—0.59	—0.0068		—12	29	30.8	+19.990+0.28	—0.076	
2007	Lal. 46640	7	3	96.8		43	13.77	+3.0269+1.43	—0.0126		+25	04	14.6	+19.999+0.25	—0.030	
2008	B. D. +26°, 4702 . . .	9	3	95.1		45	28.96	+3.0294+1.60	+0.012		+27	03	45.6	+20.012+0.19	0.00	
2009	B. D. —2°, 6049 . . .	9	3	96.5		45	46.60	+3.0762—0.02			— 2	31	10.3	+20.014+0.19		
2010	W. Arg. 18151	8.5	4	95.0		47	30.80	+3.1021—1.07			—22	03	50.8	+20.023+0.16		
2011	P. 23 ^h , 220	6.5	3	96.5	23	47	38.96	+3.0196+2.24			+36	22	21.6	+20.024+0.16		
2012	B. D. —2°, 6056 . . .	8.5	3	96.5		48	18.38	+3.0753+0.00			— 2	14	41.8	+20.027+0.14		
2013	Cinc. Z. 4013	9	3	95.1		49	33.49	+3.0946—0.97			—19	52	19.1	+20.032+0.12		
2014	Weisse 23 ^h , 1007 . . .	8.5	2	96.3		50	04.13	+3.0497+1.29	+0.014		+21	36	45.6	+20.034+0.11	—0.09	
2015	B. D. —12°, 6588 . . .	9	5	96.0		50	37.25	+3.0840—0.48			—11	48	40.7	+20.035+0.10		
2016	Weisse 23 ^h , 1027 . . .	8.5	3	96.1	23	52	21.13	+3.0665+0.56			+ 7	49	39.0	+20.041+0.06		
2017	O. Arg. 26238	9	3	96.5		53	16.81	+3.0318+3.18	+0.049		+46	08	41.8	+20.044+0.04	—0.02	
2018	Weisse 23 ^h , 1052 . . .	9	4	94.8		53	23.15	+3.0667+0.60	+0.023		+ 8	39	37.0	+20.044+0.04	—0.12	
2019	Cinc. Z. 4028	9	4	96.3		54	00.39	+3.0864—1.03			—21	31	49.5	+20.046+0.03		
2020	Weisse 23 ^h , 1101-2 . .	9	3	97.8		54	44.83	+3.0618+1.20	—0.015		+19	27	24.9	+20.048+0.02	—0.18	
2021	Lal. sup. 3934	8.5	2	97.8	23	55	26.30	+3.0648+1.04	—0.0056		+16	24	44.1	+20.049+0.00	—0.347	
2022	Weisse 23 ^h , 1099 . . .	9	4	96.1		55	36.97	+3.0751—0.12	—0.017		— 5	30	44.3	+20.049+0.00	—0.16	
2023	Weisse 23 ^h , 1107 . . .	9	3	96.5		56	05.11	+3.0727+0.16			— 0	16	59.1	+20.050—0.01		
2024	Weisse 23 ^h , 1129 . . .	8.5	3	95.1		56	59.32	+3.0694+0.72	—0.003		+10	12	15.1	+20.051—0.03	—0.14	
2025	Lal. 47171	7.5	3	97.2		58	02.64	+3.0684+1.26	+0.0032		+20	05	07.5	+20.052—0.05	—0.153	
2026	Cinc. Z. 4045	9	4	95.0	23	58	56.41	+3.0750—0.97			—21	09	07.6	+20.053—0.06		
2027	Groom. 4219	6	3	96.5		59	12.94	+3.0686+2.83			+41	30	29.5	+20.053—0.07		
2028	Weisse 23 ^h , 1176 . . .	8.5	4	95.8		59	18.86	+3.0727+0.10			— 1	38	37.8	+20.053—0.07		
2029	Cinc. Z. 4048	9	4	95.5		59	45.42	+3.0732—0.97			—21	11	51.7	+20.053—0.08		
2030	33 Piscium	5	3	96.5		59	57.61	+3.0726—0.14	—0.0020		— 6	17	42.6	+20.053—0.08	+0.091	

APPENDIX.

IN the following pages the numbers in the first column refer to the current numbers in this catalogue. The abbreviations of the authorities are given below. The second column gives the epoch of observation for right ascension, and the fifth the same for declination. In those cases, however, where the catalogue places are reduced for proper-motion from the epoch of observation to the epoch of the catalogue, and where the motion thus employed is substantially correct, the epoch of the catalogue has been retained. The columns headed R. A. and Decl. give the seconds of those co-ordinates for 1900.0, first without and then with proper-motion applied. They have been reduced to the A. G. system by Auwers' tables. The fourth column contains the number of observations, wherever this could be learned.

From the data here given, the proper-motions in the body of the catalogue have been computed by the method of least squares.

At the end I have given a few additional proper-motions for stars in No. 13.

ABBREVIATIONS EMPLOYED.

Abo,	Argelander's Abo Catalogue.
Alb,	Boss' A. G. Catalogue, Part 14.
Arm,	The two Armagh Catalogues.
B,	The observations made at Bonn. The epoch shows whether they are to be found in B. B. Vol. 6, or the A. G. Catalogue, Part 6.
Beck,	Observations of Bradley stars at Berlin by Becker.
Ber,	The two A. G. Catalogues, Parts 10 and 11. A few miscellaneous Berlin observations have also been used.
Br,	Auwers' Bradley.
Bris,	Brisbane's Paramatta Catalogue.
Bru,	Quetelet's Brussels Catalogue.
Cap,	The Cape of Good Hope Catalogues for 1830, 40, 50, 60, 80, 85.
Cb,	The First Cambridge Catalogue and the A. G. Catalogue, Part 9.
Chr,	The Christiania A. G. Catalogue, Part III.
Ci,	Cincinnati observations.
Cor,	The Argentine General Catalogue and Zone Catalogue.
D'A,	Gould's reduction of D'Agelet's observations.
Dun,	The Dunsink Catalogue.
F,	Fedorenko's Catalogue of Circumpolar Stars from Lalande's observations.

- G, Groombridge's Catalogue. Positions derived from the Radcliffe Catalogue.
Gl, The First and Second Glasgow Catalogues.
Go, The re-observation of Mayer's stars at Gotha.
Göt₁, Copeland and Börden's Göttingen Catalogue.
Göt₂, Schur's reduction of Klinkerfues' Zones.
12 Y, 6 Y, 7 Y, 9 Y, 10 Y, The Greenwich Catalogues.
Hamb, Miscellaneous Hamburg Observations.
Harv, The Harvard A. G. Catalogue, Part 5.
Hend, Henderson's Southern Catalogues in Mem. R. A. S.
J, Johnson's St. Helena Catalogue.
Ka, Karlsruhe observations.
Kön, Königsberg observations.
Krü, Krüger's A. G. Catalogue, Part 4.
L, Lalande's Catalogue reduced by Von Asten's tables, and Bossert's supplement.
Lam, The earlier observations of Lamont not contained in the First Munich Catalogue.
Leid, Positions from the Leiden A. G. Zones.
Lund, Positions from the Lund A. G. Zones.
Ma, Auwers' Mayer.
Mel, The First and Second Melbourne Catalogues.
Mo, Moesta's Santiago Catalogue.
Mü, The First and Second Munich Catalogues.
O A, Oeltzen's Argelander, Northern Zones.
P, Piazzzi's Catalogue.
Par, The Paris Catalogue. Vol. 4 not yet received.
P M, Struve's Positiones Mediæ.
Pu, The Pulkova Catalogue for 1855.
R, The First, Second and Third Radcliffe Catalogues.
Rmg, Romberg's Catalogue for 1875.
Rü, Rümker's Catalogue and Supplement.
Si, Santini's Catalogues.
Sj, Schjellerup's Catalogue.
Tac, Tacchini's Catalogue of 1001 southern stars.
Tay, Taylor's Catalogue (not in our library).
Tk, Tachkent observations.
W A, Weiss' Argelander, Southern Zones.
W B, Weisse's Bessel.
Wn, Vienna observations.
Wr, Wrottesley's Catalogues.
W Z, Washington Zones.
Y, Yarnall's Catalogue.

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.		
I		s	s			//	//	15		s	s			//	//	
L	93.8	49.72	47.83	1	93.8	11.4	56.7	Rü	36.0	07.24	08.84	3,2	36.0	39.5	33.1	
Ber	70.4	48.12	47.60	2	70.4	01.9	57.8	Ber	70.0	08.18	08.93	2	70.0	35.5	32.5	
Ber	94.7	47.87	47.78		94.7	57.9	57.2	Ber	93.3	08.60	08.77		93.3	32.7	32.0	
Ci	97.3	47.87	47.82	2	97.3	56.9	56.5	Ci	97.2	08.77	08.84	3	97.2	33.1	32.8	
2								17								
Wn	59.8	48.87	48.49	3	59.8	27.7	20.4	L	93.6	12.69	40.25	1	93.6	37.1	19.1	
Pul	61.8	49.08	48.71	1	61.8	29.2	22.3	G	09.9	16.96	40.29	4	09.9	47.4	23.0	
Ber	70.8	49.07	48.79	6	70.8	27.6	22.3	W B	28.9	21.55	39.96	3	28.9	54.9	23.0	
Rmg	77.2	48.88	48.66	4	77.2	26.9	22.7	R ₁	47.5	26.53	40.13	3	47.2	58.0	18.8	
Ber	93.8	48.68	48.62		93.8	24.1	23.0	Pu	55.0	28.47	40.12	4,5	55.0	03.6	21.4	
Ci	97.5	48.73	48.71	3	97.5	22.7	22.2	B	63.3	30.59	40.09	15	63.3	06.9	21.4	
5								Bru	67.9	31.67	39.98	2	71.9	08.7	19.8	
L	95.9	10.89	10.52	1	95.9	05.6	51.6	Y	70.6	32.64	40.25	4,5	69.5	10.0	22.0	
W B	25.9	11.12	10.85	2	25.9	00.8	50.8	Rmg	75.0	33.65	40.13	5	75.0	11.6	21.5	
Par	60.8	10.99	10.85	3,4	59.6	57.0	51.5	10 Y	80.0	35.05	40.23	6	80.0	13.2	21.1	
Ber	70.8	10.85	10.75	2	70.9	56.0	52.1	Par	81.2	35.34	40.21	3	81.2	13.6	21.0	
Ber	92.9	10.87	10.84		92.9	52.2	51.2	Ci	95.8	39.17	40.26	3	95.8	20.0	21.7	
Ci	97.2	10.82	10.81	3	97.2	51.5	51.1	18								
6								W B	28.0	13.63	13.41	1	28.0	43.2	36.0	
W B	27.7	16.48	17.79	1	27.7	28.2	32.3	Mü	42.9	13.91	13.72	3	42.9	40.6	34.9	
Wn	57.7	16.30	17.07	1	57.7	28.7	31.1	Rü	46.0	13.81	13.65	1	46.0	43.1	37.7	
Par	58.7	16.63	17.38	2,1	58.7	28.1	30.5	Ber	80.9	13.71	13.65	2	80.9	37.0	35.1	
Ber	70.9	17.05	17.58	2	70.8	29.8	31.5	Ci	97.1	13.66	13.65	4	97.1	36.8	36.5	
Ci	97.2	17.54	17.59	3	97.2	31.2	31.4	28								
8								L	97.0	46.76	47.79	1	97.0	54.2		
W B	29.8	39.11	38.10	1	29.8	53.6	46.1	P	05.6	46.83	47.77	10,7	06.0	58.2		
B	58.8	38.50	37.91	1	58.8	52.5	48.1	Par	39.7	47.25	47.85	3,0				
Ber	81.8	38.26	38.00	3	81.8	48.9	47.0	Rü	45.0	47.43	47.98	1	45.0	54.7		
Ci	96.5	38.22	38.17	3	96.5	47.4	47.0	Mü	45.9	47.30	47.84	1	45.9	57.1		
9								Cap	51.9	47.44	47.92	2	51.1	58.0		
Br	55.3	11.45	10.49	10,5	54.1	23.3	00.8	R ₂	57.8	47.74	48.16	2,4	59.4	56.5		
P	00.4	11.03	10.38	12,13	00.4	38.5	04.1	Bru	64.5	47.45	47.80	3,2	60.4	57.1		
Abo	30.0	11.00	10.54	8	30.0	43.1	01.1	Cap	78.9	47.57	47.78	1	78.9	56.5		
Wr ₁	33.0	10.96	10.52	13,0				Cor	80.9	47.64	47.83	3	80.9	58.5		
Arm	41.9	11.01	10.63	2	50.8	48.4	01.0	R ₃	89.8	47.72	47.82	3	89.8	58.3		
Wr ₂	50.8	10.81	10.49	5,0				Ci	96.4	47.70	47.74	2	96.4	57.5		
Cap	52.6	10.67	10.36	2	51.2	49.3	01.8	30								
7 Y	60.0	10.68	10.42	4	60.0	51.6	01.9	L	96.0	14.10	15.58	1	96.0	38.8	17.3	
R ₂	60.0	10.77	10.51	5,7	60.0	51.5	01.8	W B	28.0	14.65	15.67	1	28.0	31.6	16.7	
Bru	66.2	10.72	10.50	3,6	70.9	52.7	00.2	Mü	42.9	15.14	15.95	2	42.9	27.9	16.1	
Cor	78.7	10.57	10.43	3	78.7	55.2	00.6	B	66.8	15.14	15.61	4	66.8	23.4	16.5	
Cap	80.0	10.66	10.53	2	80.0	56.3	01.4	Ber	81.5	15.36	15.62	3	81.5	20.8	17.0	
10 Y	80.0	10.61	10.48	4	80.0	57.3	02.4	Ci	96.8	15.54	15.59	3	96.8	17.9	17.2	
Ci	95.8	10.45	10.42	4	95.8	00.8	01.9	31								
10								W B	21.9	31.38	30.86	2	21.9	08.3	56.7	
L	93.8	15.68	17.30	1	93.8	50.7	42.4	Mü	41.9	31.20	30.82	3,2	41.9	04.3	55.6	
W B	26.7	16.53	17.65	2	26.7	44.6	38.9	Mü ₂	84.9	30.91	30.81	2	84.9	58.6	56.4	
Par				0,3	58.7	43.2	40.0	Ci	96.3	30.88	30.86	2	96.3	56.8	56.3	
Bru	65.4	16.79	17.32	2,1	65.9	44.1	41.4	33								
Ber	70.3	16.93	17.38	3	70.4	44.3	42.0	L	00.9	15.03	16.44	1	00.9	35.2	40.1	
Ber	93.0	17.30	17.41		93.0	42.3	41.8	W B	27.8	14.99	16.02	1	27.8	35.0*	38.6	
Ci	97.2	17.34	17.38	3	97.2	42.1	41.9	Rü	44.0	15.18	15.98	1	44.0	33.7	36.5	
11								Par	58.9	15.30	15.88	1,0				
W B	22.8	17.97	19.35	1	22.8	39.9	33.0	Par	81.5	15.78	16.04	3	81.5	36.8	37.7	
Gl ₁	72.7	18.56	19.05	2,3	74.5	33.8	31.5	Cb	81.5	15.88	16.14	6	81.5	35.1	36.0	
Gl ₂	89.9	18.99	19.17	4	90.3	33.9	33.0	Ci	96.3	16.08	16.13	2	96.3	37.5	37.7	
Ci	94.8	19.21	19.30	3	94.8	33.5	33.0	36								
12								L	94.8	40.36*	37.76	2	94.8	52.5	43.2	
W B	27.7	29.99	30.71	1	27.7	25.7	12.7	W B	28.9	39.58	37.82	1	28.9	50.7	44.4	
Ber	70.4	30.29	30.59	2	70.4	17.3	12.0	B	76.9	38.41	37.84	2	76.9	46.5	44.6	
Ber	93.0	30.56	30.63		93.0	13.1	11.8	Par	81.8	38.35	37.90	2,4	81.8	44.9	43.3	
Ci	97.2	30.62	30.65	3	97.2	13.3	12.8	Ci	89.8	37.92	37.67	3	89.8	44.7	43.8	
								Ci	95.8	37.95	37.85	3	95.8	44.0	43.6	
								L 839, +1 ^s								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
37		s	s			//	//	49		s	s			//	//
Br	55.6	02.18	06.18	14,8	54.9	33.2	36.7	L	99.9	26.39*	29.29	1	99.9	20.3	03.4
P	00.8	03.17	05.92	15,17	01.3	34.9	37.2	W A	50.0	27.89	29.34	1	50.0	12.8	04.3
Abo	30.0	04.20	06.14	5	30.0	35.8	37.4	Par				0,1	59.8	09.5	02.7
Wr ₁	33.0	04.28	06.14	10,0				Y	63.8	28.38	29.43	3,2	69.9	05.7	00.6
Arm	35.1	04.28	06.08	6,3	51.2	35.4	36.5	Cor	79.8	28.78	29.36	3	79.8	06.7	03.3
12 Y	45.0	04.59	06.11	5	45.0	35.5	36.8	Ci	89.4	29.03	29.34	4	89.4	05.3	03.5
Par	47.2	04.62	06.08	22,7	45.4	35.4	36.6	Ci	96.4	29.19	29.29	5	96.4	03.3	02.7
6 Y	50.0	04.74	06.12	6	50.0	35.2	36.3	L—1 ^s							
Pu	55.0	04.86	06.11	4	55.0	35.2	36.2	50							
7 Y	60.0	05.04	06.15	4	60.0	36.1	37.0	Ma	57.5	59.33	01.60	3	57.4	26.8	34.8
Par	62.7	05.02	06.05	85,59	62.0	35.5	36.4	L	94.9	00.48	02.15	2	94.9	27.8	33.7
N 7 Y	64.0	05.08	06.08	7	64.0	35.8	36.6	P	02.8	00.33	01.88	7	02.8	28.6	34.1
9 Y	72.0	05.29	06.07	14	72.0	35.6	36.2	Mu	41.9	01.00	01.92	3	41.9	29.4	32.7
Par	77.0	05.39	06.03	157,164	77.2	35.6	36.1	R ₂	57.9	01.17	01.84	4	59.0	31.7	34.0
Cor	78.8	05.56	06.15	4	78.8	35.1	35.6	Par	58.4	01.09	01.75	2,1	56.8	31.5	33.9
Cap	80.0	05.50	06.05	2	80.0	35.5	36.0	Gl ₁	64.3	01.17	01.74	6	66.7	32.8	34.7
Ci	95.8	05.97	06.09	3	95.8	36.4	36.5	Bru	69.6	01.25	01.73	4,2	63.9	32.6	34.6
38								Rmg	77.8	01.46	01.81	2	77.8	31.6	32.8
L	95.9	37.40	37.14	1	95.9	32.8	19.5	Cap	78.9	01.55	01.87	2	78.9	31.6	32.8
W B	28.0	37.61	37.43	1	28.0	28.0	18.8	Cor	79.8	01.40	01.72	3	79.8	32.9	34.0
Rü	36.0	37.62	37.46	1	36.0	26.9	18.7	Go	86.2	01.60	01.82	6,4	86.7	32.4	33.2
Par	58.2	37.45	37.35	4	58.1	24.5	19.1	R ₃	90.1	01.66	01.82	3	90.1	32.3	32.9
Ber	70.0	37.53	37.45	2	70.0	23.6	19.8	Ci	96.4	01.75	01.81	2	96.4	34.0	34.2
Arm ₂	78.2	37.44	37.39	3	78.2	20.5	17.7	51							
Ci	97.2	37.41	37.40	3	97.2	19.9	19.5	Br	55.0	27.91	27.26	4,5	54.7	50.0	18.9
40								P	04.2	27.68	27.25	30,17	03.7	03.2	22.4
W B	22.7	53.90	54.98	1	22.7	58.5	06.6	Abo	30.0	27.63	27.32	5	30.0	08.1	22.0
Göt ₂	58.8	54.42	55.00	1	58.8	04.4	08.7	Wr ₁	33.0	27.62	27.32	10,0			
Cor	76.8	54.64	54.96	9	76.8	05.1	07.5	Par	43.7	27.57	27.32	4,2	44.7	10.6	21.6
R ₃	84.2	54.76	54.98	3	84.2	04.9	06.6	Arm	43.9	27.49	27.24	5	50.9	12.0	21.8
Wn	94.3	54.90	54.98	2	94.3	06.2	06.8	Rü	45.0	27.46	27.21	2	45.0	09.0	19.9
Ci	97.3	54.92	54.96	2	97.3	06.4	06.7	Wr ₂	50.9	27.50	27.28	5,0			
41								Cap	52.3	27.63	27.42	2	51.2	10.2	19.9
L	95.0	52.97	52.29	1	95.0	13.6	27.4	Pu	55.0	27.46	27.26	4	55.0	11.4	20.4
W B	23.0	52.90	52.40	1	23.0	17.6	27.7	R ₂	55.7	27.53	27.33	2,4	56.9	12.0	20.6
Par	56.7	52.40	52.12	2,4	57.8	19.6	25.1	Y	62.1	27.48	27.31	3,4	73.3	14.7	20.0
Sj	63.0	52.42	52.18	1	63.0	21.1	25.9	Bru	63.5	27.42	27.26	3,2	63.9	13.1	20.3
Cor	78.9	52.39	52.23	3,2	78.9	24.2	27.0	N 7 Y	64.0	27.47	27.31	3	64.0	13.7	20.9
Wn	94.3	52.32	52.28	2	94.3	26.7	27.4	Cap	80.0	27.40	27.31	2	80.0	15.5	19.5
Ci	97.4	52.39	52.37	2	97.4	26.4	26.8	Cor	80.8	27.41	27.32	4	80.8	17.5	21.3
46								Ci	96.4	27.35	27.33	2	96.4	19.0	19.7
Mü	41.6	19.53	18.77	4,3	40.9	53.6	10.7	55							
B	65.0	18.89	18.44	5,6	65.0	03.3	13.4	W B	22.0	18.58	18.42	1	22.0	55.2	43.2
Göt ₁	67.8	19.05	18.63	2	67.8	05.0	14.2	Rü	45.0	18.18	18.07	1	45.0	51.0	42.5
Rmg	75.0	18.70	18.38	4	75.0	05.8	13.0	Göt ₂	61.9	18.41	18.33	1	61.9	47.6	41.7
Mü ₂	85.5	18.59	18.40	3	85.5	07.0	11.1	Y	63.8	18.34	18.27	6,3	57.3	50.0	43.4
Ci	91.9	18.69	18.58	6	91.9	10.7	13.0	Gl ₁	72.9	18.28	18.23	2,3	74.9	45.3	41.4
Ci	95.8	18.64	18.58	3	95.8	10.6	11.8	Gl ₂	88.0	18.27	18.25	3,4	89.3	44.3	42.6
47								Ci	94.8	18.26	18.25	3	94.8	44.2	43.4
Rü	36.0	45.27	45.40	2,1	36.0	03.5	55.2	57							
Wn	56.9	45.15	45.24	2	56.9	01.8	56.2	W B	27.7	04.83		1	27.7	23.1	05.0
Ber	70.0	45.24	45.30	2	70.0	59.8	55.9	Wn	57.0	04.80		1	57.0	20.5	09.7
Ci	97.3	45.31	45.32	4	97.3	56.0	55.7	Par	60.9	04.56		2,0			
48								Ber	70.0	04.59		4	70.0	16.6	09.1
Br	53.9	08.94	08.74	3,7	55.7	58.7	14.4	Ber	93.3	04.66			93.3	10.3	08.6
P	99.5	08.85	08.71	10	99.5	06.6	17.6	Ci	97.2	04.70		4,3	97.2	08.7	08.0
J	30.0	08.80	08.70	6,7	30.0	07.2	14.8	59							
Arm	33.1	08.89	08.80	5,3	52.2	10.1	15.3	D'A	84.8	58.00		4	84.8	41.2	33.5
Pu	55.0	08.83	08.77	3	55.0	10.2	15.1	L	94.9	58.34		1	94.9	41.4	34.4
7 Y	60.0	08.70	08.64	3	60.0	11.0	15.4	W B	28.9	58.59		1	28.9	36.8	32.0
R ₂	60.0	08.88	08.82	5,3	60.0	10.4	14.8	Pu	53.9	58.64		2	53.9	36.7	33.6
Cap	80.0	08.78	08.75	3	80.0	13.1	15.3	Par	64.4	58.55		10,0			
10 Y	80.0	08.76	08.73	3	80.0	13.2	15.4	Y	71.5	58.66		3,2	46.9	36.9	33.3
Cor	80.8	08.76	08.73	3	80.8	14.1	16.2	Par	73.3	58.47		4,5	73.6	35.7	33.9
R ₃	90.0	08.76	08.75	3	90.0	13.9	15.0	Lund	80.4	58.58		2	80.4	34.6	33.3
Ci	96.8	08.74	08.74	3	96.8	13.8	14.3	Ci	96.5	58.54		3	96.5	34.4	34.2

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
61		s	s			//	//	77		s	s			//	//
L	93.7	53.17*	54.87	1	93.7	03.0		Br	53.9	39.90	37.85	2	54.0	05.4	58.7
W B	27.4	53.78	54.94	2	27.4	58.4		P	01.7	39.39	38.01	6	01.7	02.8	58.3
Par	61.1	54.39	55.01	3,1	62.8	04.9		G	10.9	39.14	37.89		10.9	01.9	57.8
Par	71.9	54.76	55.21	1,0				R ₁	48.2	38.69	37.96	4,3	49.3	01.2	58.9
Ber	81.5	54.66	54.96	3	81.5	03.2		Arm	53.0	38.53	37.87	1,2	54.4	02.0	59.9
Ci	96.8	54.86	54.91	3	96.8	02.7		Pu	55.0	38.52	37.89	4	55.0	00.6	58.6
		L—1 ^s						N 7 Y	64.0	38.39	37.89	5	64.0	00.5	58.8
62								Bru	70.2	38.17	37.75	3	69.5	01.2	59.8
P	09.4	16.35	15.85	4	09.4	42.5	30.2	B	79.8	38.32	38.04	2	79.8	02.4	01.5
W B	22.0	16.64	16.21	1	22.0	39.0	28.4	Ci	96.4	37.97	37.92	4	96.4	58.9	58.7
Par	46.5	15.97	15.68	3,0											
R ₂				0,2	61.8	34.7	29.5	78							
Bru	66.4	15.88	15.70	4	67.6	33.7	29.3	L	93.6	53.82		1	93.6	53.0	39.7
Rmg	75.3	15.90	15.76	4	75.3	33.6	30.2	P	03.0	53.78		12,13	03.0	53.1	41.0
Gl ₁	76.1	15.91	15.78	3,4	80.8	30.4	27.8	W B	28.9	53.90		1	28.9	44.4	35.5
Gl ₂	88.0	15.96	15.89	3	87.5	31.5	29.8	10 Y	78.7	53.84		3	78.7	44.5	41.8
Ci	95.4	15.88	15.85	4	95.4	30.7	30.1	Ber	80.0	53.83		2	80.0	43.2	40.7
67								Par	81.9	53.92		1	81.9	43.2	40.9
L	94.9	36.66	37.61	1	94.9	53.5	43.7	Ci	96.4	53.76		2	96.4	40.7	40.3
P	08.2	37.08	37.91	3	08.2	53.1	44.6								
W B	22.0	37.12	37.82	1	22.0	51.4	44.1	79							
Par	43.6	37.30	37.81	7,0				Br	53.6	57.11	00.62	4,18	51.4	07.8	03.5
Par	58.7	37.09	37.46	1,2	58.7	48.7	44.8	P	01.5	58.40	00.76	11,8	03.0	05.8	03.0
Bru	72.6	37.52	37.77	3,2	70.3	48.0	45.3	G	07.1	58.24	00.47		07.1	08.2	05.5
Par	75.9	37.57	37.79	4	75.9	47.0	44.8	Abo	30.0	58.93	00.61	9	30.0	06.6	04.6
Ci	96.8	37.76	37.79	3	96.8	44.3	44.0	12 Y	40.0	59.03	00.47	51,96	40.0	05.9	04.2
69								R ₁	45.0	59.16	00.48	5,3	45.0	05.1	03.5
L	94.9	35.65	34.49	1	94.9	24.0	25.1	Pu	55.0	59.43	00.51	4	55.0	05.6	04.3
W B	22.0	35.21	34.35	1	22.0	28.5	29.3	Y	56.5	59.53	00.57	3,4	72.1	05.8	05.0
Par	57.8	34.64	34.18	1	57.8	28.3	28.7	7 Y	60.0	59.62	00.58	4	60.0	05.3	04.1
Par	73.8	34.65	34.36	2	73.8	29.0	29.3	Harv	75.0	59.98	00.58	11	75.0	05.9	05.2
Alb	80.8	34.55	34.34	2	80.8	27.8	28.0	Rmg	75.0	59.93	00.53	4	75.0	05.7	05.0
Ci	96.4	34.53	34.49	2	96.4	28.9	28.9	10 Y	80.0	00.19	00.67	5,3	80.0	04.8	04.2
70								Ci	95.4	00.47	00.58	2	95.4	04.2	04.1
Br	54.2	38.78		4,3	54.1	50.2	33.1	84							
Ma	56.7	38.91		2	56.7	49.0	32.1	Br	54.7	20.85	21.79	6,3	54.2	17.1	37.7
P	00.8	38.82		8,9	00.5	44.9	33.3	P	99.6	21.04	21.69	11,7	98.9	04.4	37.1
Par	46.7	38.75		7,1	42.8	40.1	33.3	Abo	30.0	21.24	21.69	8	30.0	56.7	37.8
Pu	55.0	38.73		4	55.0	38.3	33.0	12 Y	45.0	21.42	21.78	9,5	42.0	53.4	37.7
R ₂	57.9	38.92		1,5	59.7	39.2	34.5	6 Y				0,3	50.0	52.0	38.5
N 7 Y	64.0	38.74		3	64.0	36.8	32.6	Wr ₂	53.2	21.44	21.75	4,0			
Bru	66.2	38.73		3,2	65.9	36.0	32.0	Pu	55.0	21.49	21.78	3	55.0	49.7	37.6
9 Y	72.0	38.72		6	72.0	36.7	33.4	R ₂	60.0	21.42	21.68	4,3	60.0	48.8	38.0
Rmg	75.0	38.75		4	75.0	36.0	33.1	Harv	75.0	21.62	21.79	18,17	75.0	44.3	37.6
10 Y	80.0	38.72		6,8	80.0	35.4	33.1	Rmg	75.0	21.64	21.80	4	75.0	44.5	37.8
Ci	96.9	38.80		3	96.9	33.0	32.6	Beck	75.0	21.58	21.74	4	75.0	44.2	37.5
74								Cor	78.8	21.56	21.70	4	78.8	42.6	36.9
Br	54.0	15.82	12.84	8,4	55.9	39.4	14.8	Cap	80.0	21.71	21.84	2	80.0	43.1	37.7
P	01.5	15.25	13.24	3,6	01.5	30.2	13.4	10 Y	80.0	21.62	21.75	4	80.0	44.2	38.8
Abo	30.0	14.37	12.94	5	30.0	26.0	14.0	Ci	96.4	21.74	21.76	4	96.4	38.4	37.4
Arm	40.1	14.24	13.02	4,2	53.9	20.9	13.0	85							
12 Y	43.2	14.16	13.00	11,8	43.0	24.7	15.0	L	95.0	27.74	26.54	1	95.0	13.6	23.9
Par	49.0	14.00	12.96	11,3	48.2	24.6	15.7	W B	22.8	27.97	27.09	1	22.8	17.6	25.2
6 Y	50.0	13.98	12.96	8,5	50.0	23.8	15.3	12 Y	44.0	27.59	26.95	3,4	44.0	16.2	21.7
Pu	55.0	13.95	13.03	5	55.0	22.2	14.5	Par	44.8	27.62	26.99	5,4	44.8	16.7	22.1
Par	56.4	13.85	12.96	7	56.8	22.3	14.9	Rü	45.0	27.43	26.80	4,5	45.0	17.1	22.5
7 Y	60.0	13.78	12.96	17,15	60.0	21.2	14.4	Sj	63.8	27.35	26.94	1	63.8	17.4	20.9
N 7 Y	64.0	13.74	13.01	5	64.0	20.0	13.8	Alb	85.0	27.07	26.90	3	85.0	21.6	23.1
9 Y	72.0	13.61	13.04	3	72.0	19.5	14.7	Ci	96.4	26.92	26.88	2	96.4	22.2	22.6
Rmg	75.0	13.51	13.00	5	75.0	18.7	14.4								
10 Y	80.0	13.43	13.02	12,14	80.0	18.3	14.9								
Cap	80.0	13.44	13.03	3	80.0	18.4	15.0								
Ci	95.9	13.08	13.00	3	95.9	14.9	14.2								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
86		s	s			"	"	102		s	s			"	"
Br	55.0	43.46	42.74	3,7	55.7	02.7	31.8	Br	56.4	54.02	56.65	12,8	56.4	47.3	42.0
P	00.0	43.22	42.72	4,5	00.0	53.6	32.2	P	98.3	54.84	56.70	19,8	98.5	45.4	41.6
Abo	30.0	42.91	42.56	6	30.0	48.5	33.5	Abo	30.0	55.37	56.65	9,8	30.0	44.1	41.5
6 Y	50.0	42.87	42.62	9	50.0	42.5	31.8	Cb ₁	33.0	55.47	56.70	11,6	34.0	43.8	41.4
Pu	55.0	42.99	42.76	4	55.0	41.3	31.7	Arm	41.0	55.64	56.72	4	53.1	43.4	41.7
Y	55.4	42.93	42.71	5,8	55.4	40.9	31.4	12 Y	41.8	55.57	56.63	19,22	41.4	44.5	42.3
7 Y	60.0	42.89	42.69	3,2	60.0	40.6	32.0	Par	48.5	55.70	56.64	42,14	48.3	43.8	41.9
R ₂	60.0	42.96	42.76	2,4	60.0	39.8	31.2	6 Y	50.0	55.72	56.63	13,10	50.0	43.8	42.0
N 7 Y	64.0	42.80	42.62	3	64.0	38.7	31.0	Pu	55.0	55.74	56.56	4	55.0	43.3	41.6
9 Y	72.0	42.87	42.73	3	72.0	37.6	31.6	7 Y	60.0	55.92	56.65	8	60.0	44.5	43.0
Cap	77.9	42.82	42.71	2,3	76.9	36.8	31.9	N 7 Y	64.0	55.97	56.63	9	64.0	43.1	41.8
Cor	78.7	42.82	42.71	3	78.7	36.8	32.3	9 Y	72.0	56.08	56.59	19,20	72.0	43.4	42.4
Ka	85.7	42.82	42.75	5	85.7	34.3	31.3	Par	74.3	56.12	56.59	5	74.3	43.3	42.3
Ci	95.9	42.81	42.79	3	95.9	34.1	33.2	Rmg	75.0	56.22	56.68	5	75.0	42.8	41.9
								10 Y	80.0	56.34	56.71	3,4	80.0	42.9	42.2
								Ci	95.9	56.59	56.67	3	95.9	41.9	41.7
87								105							
L	93.8	10.88	13.09	1	93.8	39.4		L	99.9	28.13	29.87	2	99.9	56.7	14.3
W B	26.0	11.82	13.36	1	26.0	38.2		W A	51.0	29.00	29.85	1,2	51.0	06.4	15.2
Rü	49.0	12.25	13.31	2	49.0	36.5		Par	59.2	28.96	29.67	3	60.2	08.3	15.3
Ber	70.9	12.67	13.27	2	70.9	38.1		Bru	63.4	29.22	29.85	2	62.9	09.7	16.2
Ber	93.0	13.09	13.24		93.0	38.0		Y	63.8	29.23	29.86	2,5	72.8	09.8	14.6
Ci	97.2	13.12	13.18	3	97.2	38.9		Cor	76.7	29.41	29.82	5	76.7	11.0	15.1
								Cap	78.9	29.53	29.90	3	78.9	11.9	15.6
88								R ₃	90.0	29.67	29.84	3	90.0	13.2	15.0
W B	22.8	14.05	15.29	1	22.8	01.8	52.5	Ci	96.9	29.80	29.86	3	96.9	13.7	14.3
Gl ₁	71.5	14.73	15.19	3	71.5	54.7	51.3								
Gl ₂	90.8	15.06	15.21	2,1	90.8	53.6	52.5								
Ci	94.9	15.16	15.24	3	94.9	52.7	52.1								
93								107							
L	93.6	33.56	34.73	1	93.6	22.3	11.0	L	95.0	08.72	08.17	1	95.0	53.7	39.0
W B	28.9	34.26	35.04	1	28.9	19.2	11.7	W B	28.8	08.83	08.46	1	28.8	48.4	38.4
Rü	47.0	34.55	35.13	1	47.0	15.3	09.7	Par	66.9	08.66	08.49	1,0			
Par	57.8	34.41	34.87	1	58.9	16.8	12.4	Arm	73.9	08.37	08.23	3,4	72.4	41.9	37.9
Ber	81.0	34.62	34.83	2	81.0	14.3	12.3	Leid	74.0	08.50	08.36	2	74.0	41.6	37.9
Ci	96.8	34.75	34.78	3	96.8	11.5	11.2	Par	79.9	08.44	08.34	2	79.9	43.6	40.8
								Ci	96.4	08.39	08.37	2	96.4	39.7	39.2
95								109							
D'A	84.8	54.87	56.77	2	84.8	57.3	11.9	L	95.7	29.18	30.02	1	95.7	17.8	22.3
L	93.6	54.66	56.42	1	93.6	01.1	14.5	P	00.8	29.38	30.18	6	00.8	16.0	20.3
P	03.9	55.59	57.18	8,4	08.0	00.3	11.9	W B	28.0	29.69	30.27	1	28.0	14.6	17.7
W B	28.8	56.02	57.20	1	28.8	01.3	10.3	Wr ₁	33.0	29.40	29.94	10,0			
12 Y	40.0	56.28	57.28	5,6	41.0	04.4	11.8	Par	40.8	29.47	29.95	2,1	40.8	16.8	19.3
Pu	44.9	56.26	57.17	1	44.9	06.9	13.8	Pu	42.4	29.48	29.95	4	42.4	17.0	19.5
Leid	74.0	56.68	57.11	2	74.0	08.8	12.1	Y	50.8	29.55	29.95	6,2	68.5	18.8	20.2
Ci	96.4	57.00	57.06	2	96.4	11.3	11.8	R ₂	56.4	29.63	29.98	4,3	58.6	16.4	18.2
97								7 Y	56.9	29.63	29.98	6	56.9	18.6	20.5
W B	26.0	23.96	27.29	1	26.0	16.0	01.9	N 7 Y	62.9	29.66	29.96	2	62.9	17.8	19.4
Rü	44.0	24.97	27.49	1	44.0	11.7	01.1	Bru	66.9	29.52	29.79	4,2	65.4	17.6	19.1
Ber	70.4	26.18	27.51	2	70.4	06.3	00.7	Par	80.2	29.75	29.91	3,2	80.3	19.2	20.0
Ber	93.4	27.09	27.39		93.4	02.7	01.4	10 Y	83.8	29.86	29.99	4	83.8	18.9	19.6
Ci	97.2	27.23	27.36	3	97.2	02.1	01.6	Ci	96.4	29.99	30.02	2	96.4	19.5	19.6
98								110							
Br	54.5	35.60	40.20	4,7	53.2	40.5	26.0	Br	55.0	57.86	55.54	4	54.2	13.7	20.2
P	02.1	37.14	40.23	6,7	01.5	34.2	24.4	D'A	84.5	56.74	54.89	4	84.5	03.9	21.5
G	08.0	37.27	40.18		08.0	34.3	25.2	P	98.9	57.06	55.44	12,9	99.0	57.0	19.9
Abo	30.0	38.03	40.24	9	30.0	32.7	25.8	Abo	30.0	56.66	55.54	14	30.0	44.6	18.9
Arm	35.7	38.20	40.23	8,5	41.0	31.6	25.8	Arm	34.9	56.54	55.50	5	41.4	42.4	20.9
12 Y	45.0	38.52	40.26	3,7	45.0	31.7	26.3	12 Y	45.0	56.53	55.65	4,14	45.0	40.5	20.3
R ₁	45.0	38.52	40.26	8,4	45.0	30.9	25.5	R ₁	47.9	56.36	55.53	4	47.7	39.1	19.9
Pu	55.0	38.85	40.27	8,4	55.0	30.3	25.8	Pu	55.0	56.27	55.55	4	55.0	36.6	20.1
R ₂	60.0	38.93	40.19	5	60.0	28.1	24.1	9 Y	72.0	55.95	55.50	5,9	72.0	29.4	19.1
Harv	75.0	39.41	40.20	13,12	75.0	27.4	24.9	Rmg	75.0	55.87	55.47	8	75.0	28.3	19.1
Beck	75.0	39.43	40.22	4	75.0	27.8	25.3	10 Y	80.0	55.89	55.57	8,11	80.0	27.0	19.7
Rmg	75.0	39.44	40.23	9	75.0	28.2	25.7	Ci	96.4	55.60	55.54	4	96.4	20.6	19.3
10 Y	80.0	39.51	40.14	6,4	80.0	27.9	25.7								
Ci	96.4	40.11	40.22	4	96.4	26.3	25.9								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
112		S	S			//	//	128		S	S			//	//
L	96.0	32.18	33.12	1	96.0	53.0	43.6	D'A	84.8	20.58	20.17	2	84.8	08.8	54.8
W B	23.9	33.14	33.82	1	23.9	50.9	44.1	L	93.8	20.33	19.95	1	93.8	07.5	54.5
Rü	44.0	32.63	33.13	1	44.0	47.9	42.9	W B	26.0	20.56	20.29	1	26.0	02.2	53.2
Par	58.8	32.78	33.15	1	58.8	47.8	44.1	Rü	36.0	20.35	20.12	2	36.0	00.5	52.7
Par	79.8	32.89	33.07	1	79.8	46.1	44.3	Rü	44.0	20.44	20.24	1	44.0	01.0	54.2
Ber	81.3	32.95	33.12	3	81.3	45.4	43.7	Ber	70.6	20.21	20.10	2	70.6	57.4	53.8
Ci	96.4	33.09	33.12	2	96.4	45.2	44.9	Ber	93.4	20.18	20.16		93.4	54.5	53.7
								Ci	97.2	20.17	20.16	3	97.2	54.7	54.4
113								133							
P	03.9	35.99	37.77	8	03.9	07.9	57.9	L	93.8	19.61	21.26	1	93.8	47.8	56.5
W B	23.9	36.92	38.33	2	23.9	03.4	55.5	W B	21.9	20.52	21.73	1	21.9	49.5	55.9
Wr ₁	33.0	36.70	37.94	10,0				Rü	46.0	20.47	21.31	2	46.0	49.9	54.3
Arm	47.5	37.00	37.97	4,0				Par	58.0	20.81	21.46	1	58.0	51.7	55.1
Wr ₂	51.0	36.98	37.89	5,0				Ber	62.9	20.91	21.48	2	62.9	53.6	56.6
Cap	51.7	37.12	38.01	2,1	50.7	02.2	57.1	Par	81.3	20.99	21.28	2	81.3	53.4	54.9
Par	55.9	36.96	37.77	1,2	58.8	01.3	57.0	Ci	96.9	21.32	21.37	3	96.9	55.0	55.3
R ₂	59.6	37.09	37.84	3,2	59.9	02.5	58.3								
Bru	67.8	37.29	37.89	5,3	65.9	01.5	58.0								
Y	75.9	37.28	37.72	2,5	72.9	59.9	57.1								
Cor	77.9	37.42	37.83	4	77.9	59.5	57.2	134							
Cap	78.9	37.43	37.82	3	78.9	59.7	57.5	W B	23.8	01.55		1	23.8	25.1	15.7
10 Y	84.1	37.51	37.81	4,9	84.1	59.2	57.5	P M	42.8	01.96		2	42.8	23.2	16.2
Ci	97.9	37.78	37.82	2	97.9	59.0	58.8	P M	50.8	01.80		3	50.8	21.6	15.5
								Rmg	75.2	01.81		4	75.2	18.5	15.5
								Ber	81.2	01.88		4	81.2	18.1	15.8
								Ci	96.9	01.94		3	96.9	16.6	16.2
114								135							
L	00.9	40.00	43.57	1	00.9	16.9	52.1	D'A	84.8	01.19	02.17	3	84.8	25.4	23.6
Cb	74.4	42.64	43.56	4	74.4	58.8	52.4	L	93.8	01.70	02.60	1	93.8	23.0	21.4
Par	81.9	42.68	43.33	1	81.9	57.4	52.9	P	03.4	01.63	02.45	4	03.4	23.8	22.4
Ci	95.4	43.38	43.55	4	95.4	53.3	52.2	W B	23.8	02.08	02.73	1	23.8	20.6	19.5
								Arm	32.3	01.92	02.50	3,2	53.3	24.1	23.4
118								Rü	36.0	02.11	02.65	1	36.0	21.5	20.5
Br	54.9	07.10	04.04	9,7	54.6	33.1	55.7	Rü	47.0	02.00	02.45	2	47.0	22.3	21.5
D'A	84.8	06.27	03.85	4	84.8	14.2	57.0	Y	54.2	02.18	02.57	5,3	71.3	23.1	22.7
P	96.0	06.20	04.02	4,5	96.0	05.3	55.6	7 Y	57.4	02.14	02.50	8	57.4	23.2	22.6
Abo	30.0	05.54	04.07	12	30.0	43.1	56.2	R ₂	57.4	02.23	02.59	4,3	60.3	22.4	22.7
Arm	31.3	05.53	04.09	5,7	42.7	39.3	00.9	Par	59.4	02.20	02.54	2	59.4	23.5	22.9
Par	42.5	05.23	04.02	8,5	40.8	35.3	55.6	Gl ₁	68.2	02.19	02.46	3,5	73.0	20.8	20.4
Pu	55.0	05.03	04.08	4	55.0	26.6	56.4	Ber	81.0	02.38	02.54	3	81.0	22.6	22.3
7 Y	60.0	04.89	04.05	5	60.0	23.6	56.8	Ci	96.4	02.44	02.47	2	96.4	22.1	22.0
R ₂	60.0	04.76	03.92	2,5	60.0	24.1	57.3								
Y	69.7	04.69	04.05	3,5	72.3	14.7	56.1	139							
Rmg	75.0	04.57	04.05	5	75.0	13.3	56.6	Br	54.7	57.33	58.65	4,3	54.3	11.6	14.1
10 Y	80.0	04.40	03.98	3	80.0	10.0	56.6	D'A	84.8	57.05	58.10	3	84.8	13.6	15.6
Ci	95.9	04.09	04.00	3	95.9	58.9	56.2	P	00.0	57.84	58.75	7	00.0	12.1	13.8
								P M	30.0	58.09	58.73	1	30.0	13.6	14.8
120								Arm	48.0	58.35	58.82	5,6	46.1	11.0	11.9
L	98.9	18.53	22.37	1	98.9	37.5		Par	50.0	58.22	58.67	5,1	40.8	09.3	10.3
W A	49.8	19.94	21.85	1	49.8	40.1		Pu	55.0	58.28	58.69	4	55.0	12.1	12.9
Par	57.8	20.64	22.24	2	54.8	42.3		Par	58.9	58.42	58.79	3,2	58.9	13.0	13.7
R ₃	90.0	21.76	22.13	3	90.0	41.2		N 7 Y	64.0	58.33	58.66	3	64.0	13.1	13.7
Ci	97.1	22.10	22.21	4	97.1	40.5		Rmg	75.0	58.43	58.66	5	75.0	12.5	12.9
								Ci	96.9	58.68	58.71	3	96.9	12.9	13.0
127								145							
Br	54.0	42.16	40.52	4,5	53.9	38.5	50.2	Br	54.4	25.40	27.18	3	54.0	10.9	05.1
P	01.8	41.21	40.11	20,13	99.3	45.0	53.1	L	94.9	25.81	27.09	3	94.9	08.7	04.5
Abo	30.0	41.20	40.42	8	30.0	46.9	52.5	P	03.3	25.32	26.50	5	03.3	07.7	03.8
J	30.0	41.19	40.41	15,8	30.0	46.5	52.1	Arm	53.0	26.58	27.15	1,5	41.8	07.0	04.7
12 Y	37.0	41.04	40.33	5,7	46.0	48.1	52.4	Pu	55.0	26.55	27.10	4	55.0	07.1	05.3
Cap	37.8	41.01	40.31	18,0				R ₂	57.1	26.42	26.94	4,2	58.0	07.9	06.2
Pu	55.0	40.93	40.43	4	55.0	48.5	52.1	Bru	61.0	26.43	26.91	2	62.9	06.7	05.2
Y	61.0	40.84	40.40	6,2	70.4	50.3	52.7	N 7 Y	67.5	26.67	27.07	5	67.5	06.6	05.3
N 7 Y	66.0	40.84	40.46	6	66.0	48.5	51.2	Y	68.8	26.65	27.03	3,4	67.9	05.9	04.6
9 Y	69.2	40.74	40.39	5	69.2	49.4	51.9	Lund	81.0	26.82	27.05	2	81.0	06.2	05.4
Cor	78.0	40.63	40.38	3	78.0	50.7	52.5	Ci	96.9	27.02	27.06	3	96.9	05.0	04.9
Cap	80.0	40.64	40.42	2	80.0	49.8	51.4								
R ₃	90.0	40.44	40.33	3,4	90.0	50.4	51.2								
Ci	96.2	40.42	40.38	3	96.2	50.5	50.8								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
147		s	s			"	"	163		s	s			"	"
D'A	84.8	52.40	53.34	1	84.8	41.4	19.7	W B	21.8	53.36	54.30	1	21.8	19.3	15.4
L	94.8	52.69	53.55	2	94.8	39.9	20.1	Rü	36.0	53.45	54.22	2	36.0	19.5	16.3
W B	28.0	52.60	53.19	1	28.0	30.4	16.9	Ber	81.4	54.08	54.30	4	81.4	17.5	16.6
Rü	51.0	52.91	53.31	1	51.0	28.6	19.4	Ci	97.0	54.25	54.29	3	97.0	16.0	15.8
Ber	70.4	53.04	53.28	2	70.4	24.7	19.1								
Ber	93.4	53.32	53.37		93.4	20.0	18.8								
Ci	97.4	53.32	53.34	2	97.4	19.7	19.2								
149								166							
L	96.7	28.18	28.01	1	96.7	48.6	07.2	Br	54.4	08.74	09.18	4,10	53.2	36.7	22.6
W B	24.0	28.12	28.00	2	24.0	52.7	06.4	P	01.7	08.72	09.02	4,6	02.6	35.0	25.6
Par	42.9	28.08	27.99	1,0				G	09.7	08.75	09.02		09.7	30.0	21.3
Par	56.1	28.03	27.96	1	58.8	59.7	07.1	R ₁	45.0	09.00	09.16	5	45.0	27.0	21.7
B	64.5	28.14	28.08	2	64.5	59.3	05.7	Arm	53.0	08.92	09.06	4,5	42.0	28.1	22.5
Pu	64.8	27.99	27.93	1	64.8	59.8	06.1	Pu	55.0	09.00	09.14	5	55.0	25.8	21.5
Par	79.0	28.06	28.03	1	79.0	04.5	08.3	R ₂	58.0	08.96	09.09	4,3	56.6	26.4	22.2
Cor	80.9	28.02	27.99	3	80.9	04.6	08.0	N 7 Y	64.0	08.91	09.02	3	64.0	25.1	21.7
10 Y	86.0	28.11	28.09	2	86.0	03.9	06.4	Harv	71.4	09.04	09.13	4	71.4	23.6	20.9
R ₃	90.0	28.03	28.01	3	90.0	05.2	07.0	B	74.9	09.04	09.12	2	74.9	21.6	19.2
Ci	96.4	28.03	28.02	2	96.4	05.7	06.3	Ci	96.3	09.06	09.07	3	96.3	23.8	23.4
151								175							
L	93.8	34.15	35.04	1	93.8	43.7	31.3	Br	55.2	08.02	10.58	7,4	54.3	02.0	50.1
W B	28.9	35.43	36.03	1	28.9	38.0	29.7	P	03.6	08.97	10.67	2,3	03.6	59.3	51.4
P M	42.8	35.26	35.74	2	42.8	39.9	33.2	Abo	30.0	09.33	10.57	8	30.0	55.5	49.8
P M	50.8	35.30	35.71	3	50.8	39.0	33.2	Cb ₁	30.0	09.44	10.68	2	34.0	57.7	52.3
Bru	70.0	35.45	35.70	3,2	70.0	36.2	32.7	Arm	31.3	09.33	10.55	3,2	52.9	52.3	48.4
Par	74.2	35.42	35.64	3	74.2	36.8	33.8	Wr ₁	33.0	09.51	10.70	6,0			
Rmg	75.2	35.48	35.69	4	75.2	35.9	33.0	Par	50.1	09.73	10.61	7,2	50.8	56.1	52.1
Ber	81.9	35.61	35.76	3	81.9	35.3	33.2	Pu	55.0	09.87	10.67	4	55.0	53.9	50.2
Ci	96.9	35.68	35.71	3	96.9	32.3	31.9	Par	55.9	09.80	10.58	2,7	62.2	53.5	50.4
152								7 Y	60.0	09.91	10.62	8	60.0	54.2	50.9
Br				0,2	51.4	32.5	47.2	N 7 Y	64.0	10.07	10.71	3,4	64.0	53.5	50.5
L	90.9	22.88	31.84	1	90.9	22.2	48.9	9 Y	72.0	10.04	10.54	4	72.0	53.3	51.0
O A	41.9	26.58	31.34	1	41.9	06.1	48.4	10 Y	80.0	10.27	10.62	7,8	80.0	51.8	50.2
Pu	55.0	27.39	31.08	3	55.0	01.2	47.5	Ci	96.4	10.57	10.63	4	96.4	51.2	50.9
B	63.1	28.15	31.18	6	63.1	57.9	46.6	176							
Bru	63.6	28.18	31.16	3,2	68.4	57.1	47.5	Br	55.0	13.12	14.42	3	54.3	44.4	42.7
Y	70.9	28.88	31.27	2	70.9	57.0	48.1	P	02.1	13.50	14.38	10,8	02.4	42.4	41.2
Rmg	75.0	29.21	31.26	4	75.0	55.7	48.1	P M	24.9	13.67	14.35	2	24.9	42.8	41.9
Beck	75.0	29.30	31.35	4	75.0	54.7	47.1	Wr	33.0	13.71	14.31	4,0			
Chr	75.6	29.18	31.18	3	75.6	55.3	47.8	Rü	40.0	13.91	14.45	4,2	40.0	42.5	41.8
10 Y	80.0	29.67	31.31	10,15	80.0	54.0	47.9	12 Y	45.0	13.72	14.22	2,10	40.0	43.2	42.5
Ci	95.5	31.10	31.47	2	95.5	49.0	47.6	Pu	55.0	13.96	14.37	4	55.0	43.3	42.8
153								B	62.5	14.12	14.46	4	62.5	44.9	44.5
Br	54.5	37.40	40.72	2,3	54.3	31.4	39.9	Y	67.1	14.04	14.34	3	61.0	42.9	42.4
P	04.4	39.15	41.33	10,11	04.4	35.1	40.6	Beck	75.0	14.18	14.40	5	75.0	43.5	43.2
P M	30.0	39.50	41.10	4	30.0	36.8	40.9	10 Y	80.0	14.23	14.41	7,8	80.0	43.1	42.9
Abo	30.0	39.32	40.92	11	30.0	36.8	40.9	Ci	96.5	14.32	14.35	2	96.5	42.9	42.9
Pu	55.0	39.88	40.91	4	55.0	37.3	39.9	177							
N 7 Y	64.0	40.01	40.83	3	64.0	37.5	39.6	Br	55.8	42.39	43.57	6,3	54.3	12.8	47.2
Bru	69.7	40.26	40.95	5,3	64.9	38.7	40.7	P	01.9	42.86	43.66	22,16	01.1	25.1	48.5
Gl ₁	70.0	40.21	40.89	6,8	70.0	38.2	39.9	Abo	30.0	42.96	43.53	7	30.0	32.9	49.4
Rmg	75.0	40.39	40.96	4	75.0	36.9	38.4	J	30.0	43.05	43.62	8,17	30.0	32.7	49.2
Cor	79.9	40.38	40.84	3	79.9	38.9	40.1	Arm	43.7	43.02	43.48	4	48.9	36.1	48.1
Cap	80.0	40.47	40.93	2	80.0	38.4	39.6	Par	47.4	43.08	43.51	10,1	37.8	32.5	47.2
10 Y	80.0	40.52	40.98	2,5	80.0	38.9	40.1	Pu	55.0	43.14	43.51	4	55.0	38.6	49.2
Ci	95.4	40.83	40.93	2	95.4	40.3	40.6	7 Y	60.0	43.26	43.59	4	60.0	39.6	49.0
156								R ₂	60.0	43.04	43.37	4,3	60.0	38.9	48.3
Krü	72.0	20.72	21.71	2	72.0	16.7	11.1	N 7 Y	64.0	43.38	43.68	2	64.0	40.2	48.7
Lamp	86.7	21.35	21.82	2	86.7	13.5	10.8	Cor	79.5	43.45	43.62	4	79.5	43.4	48.2
Ci	91.4	21.48	21.78	4	91.4	13.6	11.9	Cap	80.0	43.44	43.60	2	80.0	43.7	48.4
Ci	95.9	21.54	21.69	3	95.9	11.4	10.6	10 Y	80.0	43.40	43.56	3	80.0	43.4	48.1
								Ci	95.9	43.54	43.57	3	95.9	47.1	48.1

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
178		s	s			//	//	190		s	s			//	//
L	96.7	21.45	20.46	1	96.7	43.4	50.1	D'A	84.8	47.43	48.58	1	84.8	49.1	29.5
W B	23.9	21.12	20.39	1	23.9	47.7	52.6	L	94.8	47.63	48.68	2	94.8	40.8	22.9
Par	43.3	21.09	20.55	2,0				W B	32.1	47.83	48.51	1	32.1	37.1	25.6
Si	43.9	21.17	20.63		43.9	47.4	50.9	P M	42.9	48.69	49.26	2	42.9	31.5	21.8
Par	60.0	20.87	20.49	2,3	58.3	47.6	50.3	Pu	51.8	48.50	48.98	2	51.8	31.9	23.7
Sj	63.0	20.92	20.56	1	63.0	47.3	49.7	Par	58.2	48.23	48.65	4,0			
Pu	63.8	20.85	20.50	4	63.8	48.1	50.5	Ber	70.8	48.43	48.72	3	70.8	29.5	24.5
Par	76.9	20.68	20.48	1	76.9	48.9	50.4	Bru	71.0	48.47	48.76	3,2	68.5	29.4	24.0
Cor	78.9	20.81	20.61	3	78.9	48.6	50.0	Rmg	75.0	48.44	48.69	5	75.0	29.3	25.0
R ₃	85.0	20.64	20.50	3	85.0	49.5	50.5	Par	79.9	48.42	48.62	2	79.9	29.4	26.0
10 Y	87.0	20.56	20.44	3,4	87.0	50.8	51.6	Ber	93.6	48.61	48.67		93.6	25.5	24.4
Ci	96.4	20.50	20.47	2	96.4	50.5	50.7	Ci	97.5	48.69	48.72	2	97.5	24.8	24.4
180								192							
Br	54.7	56.37	56.05	3	54.0	42.1	15.5	W B	22.0	29.48	30.10	1	22.0	54.4	50.5
D'A	84.8	56.30	56.05	4	84.8	37.2	16.2	Si	40.0	29.77	30.25	3	40.0	50.3	47.3
P	02.7	56.22	56.01	9,6	04.0	34.9	17.4	Rü	49.0	29.64	30.05	1	49.0	50.9	48.3
G	10.0	56.31	56.11		10.0	32.0	15.6	Alb	78.9	30.09	30.26	3	78.9	48.2	47.1
Arm	40.4	56.05	55.92	5,6	39.0	27.4	16.3	Ci	96.4	30.17	30.20	2	96.4	48.1	47.9
12 Y	45.0	56.27	56.15	3,5	45.0	26.5	16.5	193							
R ₁	45.0	56.15	56.03	8,3	45.0	27.2	17.2	W B	26.1	00.89	02.37	1	26.1	51.2	23.8
Pu	55.0	56.17	56.07	4	55.0	24.2	16.0	Rü	54.0	01.48	02.40	1	54.0	41.7	24.7
R ₂	60.0	56.11	56.02	4,3	60.0	22.2	14.9	Par	54.1	01.41	02.33	2,0			
N 7 Y	64.0	56.23	56.15	2	64.0	22.3	15.7	Ber	70.7	01.76	02.35	2	70.7	36.7	25.8
10 Y	80.0	56.02	55.98	3,5	80.0	19.4	15.8	Ber	93.7	02.29	02.42		93.7	26.4	24.1
Ci	97.0	56.08	56.07	3	97.0	16.7	16.1	Ci	97.5	02.29	02.34	2	97.5	25.2	24.3
181								194							
Br	53.0	05.54	07.25	1,3	54.3	57.7	16.3	L	95.9	57.82	58.55	1	95.9	44.3	40.1
P	03.5	05.42	06.54	6	02.4	03.2	15.7	W B	22.4	58.25	58.79	1	22.4	45.3	42.2
P M	30.0	05.61	06.42	2	30.0	04.0	13.0	Rü	50.0	58.54	58.89	1	50.0	43.9	41.9
Wr ₁	33.0	05.72	06.50	10,0				Par	58.0	58.46	58.75	1	56.8	44.9	43.2
Lam	34.9	05.69	06.45	3	34.9	08.3	16.6	Par	73.9	58.55	58.73	1,2	73.9	42.2	41.2
Wr ₂	51.3	05.86	06.42	5,0				Alb	80.0	58.67	58.81	2	80.0	41.8	41.0
R ₂	59.3	06.04	06.51	4,3	57.0	10.4	15.9	Ci	95.5	58.67	58.70	4	95.5	41.7	41.5
Pu	63.8	06.00	06.42	5	63.8	11.2	15.8	195							
N 7 Y	64.0	06.08	06.50	3	64.0	11.2	15.8	L	90.9	58.62	01.04	2	90.9	42.9	
Bru	67.5	06.09	06.47	6,4	67.7	12.0	16.1	O A	41.9	00.06	01.34	1	41.9	47.1	
Rmg	75.0	06.14	06.43	4	75.0	12.6	15.8	B	62.0	00.40	01.24	2	62.0	45.1	
Cor	80.5	06.26	06.49	4	80.5	12.3	14.8	Krü	78.0	00.71	01.19	2	78.0	45.2	
Ci	96.4	06.44	06.48	2	96.4	15.1	15.6	10 Y	83.1	00.67	01.04	6,16	84.3	46.8	
183								Ci	96.4	01.10	01.18	2	96.4	45.9	
W A	51.0	14.65	16.95	3	51.0	04.1	02.1	198							
Cor	73.4	15.74	16.99	2	73.4	01.8	00.7	Br	56.1	44.67	47.32	12,7	54.6	56.7	28.2
Cor	79.9	16.10	17.04	3	79.9	02.2	01.4	P	08.4	45.68	47.37	14,9	05.8	46.8	28.3
Ci	92.2	16.64	17.01	4	92.2	02.4	02.1	Abo	30.0	46.10	47.39	8	30.0	41.5	27.8
Ci	97.0	16.80	16.94	3	97.0	01.3	01.2	12 Y	40.0	46.25	47.35	10,5	40.0	39.6	27.8
184								Arm	40.5	46.26	47.35	6,3	53.5	38.1	29.0
W A	51.0	21.25*	21.49	1	51.0	11.8	24.2	Par	44.7	46.31	47.33	9,4	43.5	40.1	29.0
Cor	73.5	21.33	21.46	2	73.5	19.7	26.4	Pu	55.0	46.62	47.45	4	55.0	37.1	28.3
Cor	81.0	21.27	21.37	3	81.0	19.6	24.4	R ₂	60.0	46.57	47.31	7,4	60.0	36.1	28.4
Ci	91.2	21.42	21.46	4	91.2	22.7	24.9	Bru	60.3	46.66	47.39	3,5	60.9	35.6	27.9
Ci	95.9	21.39	21.41	3	95.9	23.6	24.6	9 Y	72.0	46.84	47.36	7	72.0	34.1	28.6
		W A +1 ^s						Rmg	75.0	46.82	47.28	3	75.0	32.9	28.0
185								10 Y	80.0	46.91	47.28	4	80.0	31.9	28.0
L	95.7	37.37	40.46	1	95.7	13.3		Ci	96.0	47.26	47.33	3	96.0	28.8	28.0
W B	32.1	38.79	40.80	1	32.1	12.5		199							
Ber	70.6	39.65	40.52	2	70.6	15.1		W B	22.0	59.53		1	22.0	50.9	40.8
Ber	93.4	40.38	40.58		93.4	13.8		Rü	36.0	59.22		2	36.0	51.3	43.0
Ci	97.5	40.49	40.56	2	97.5	13.7		Alb	80.4	59.51		3	80.4	43.7	41.2
188								Ci	97.0	59.42		3	97.0	42.5	42.1
L	93.6	22.61	24.42	1	93.6	13.5	54.3	200							
W B	26.1	23.82	25.08	1	26.1	13.9	00.6	W B	22.9	11.20	14.61	1	22.9	46.6	34.9
Cb	76.0	24.23	24.64	2	76.0	01.5	57.2	Gl ₁	76.4	13.61	14.65	4	77.9	38.6	35.2
Ber	81.0	24.20	24.52	2	81.0	00.7	57.3	Ci	89.4	14.14	14.61	4	89.4	36.4	34.8
Ci	97.0	24.50	24.55	3	97.0	57.9	57.3	Ci	97.0	14.48	14.61	3	97.0	35.2	34.7

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
202		s	s			//	//	220		s	s			//	//
L	90.9	46.94	57.96	2	90.9	06.4	51.4	Br.	55.2	13.01	15.23	7.3	54.3	31.3	38.6
O A	41.8	52.27	58.15	1	41.8	32.4	52.5	P	00.5	14.03	15.55	7.8	00.5	36.7	41.7
Rü	43.0	51.93	57.69	2	43.0	32.4	53.3	Abo	30.0	14.24	15.31	8	30.0	38.0	41.5
Wn	53.9	53.24	57.90	2	53.9	25.8	54.2	Arm	34.8	14.40	15.40	4.2	53.6	37.6	39.9
Pu	55.0	53.31	57.86	1	55.0	23.4	52.5	Par	43.5	14.44	15.30	15.2	38.3	36.9	40.0
B	62.3	54.08	57.89	6	62.3	17.5	51.6	Pu	55.0	14.59	15.28	4	55.0	38.4	40.6
Bru	63.6	54.33	58.01	5.4	63.2	17.7	52.5	R ₂	58.0	14.68	15.32	5	56.6	37.5	39.7
Arm ₂	71.3	54.96	57.86	3	71.3	12.9	53.2	7 Y	60.0	14.70	15.31	3	60.0	38.9	40.9
Rmg	75.0	55.50	58.03	4	75.0	10.0	52.8	Bru	65.2	14.82	15.35	4	66.0	38.5	40.2
Krü	77.1	55.69	58.00	2	77.1	07.8	52.0	Rmg	75.0	14.99	15.37	3	75.0	39.1	40.3
10 Y	80.0	55.94	57.96	7.8	80.0	06.0	52.3	Cor	77.0	14.92	15.27	4	77.0	39.1	40.2
Ci	95.0	57.38	57.89	3	95.0	55.6	52.2	Cap	80.0	15.04	15.35	2	80.0	39.3	40.3
								10 Y	80.0	14.96	15.27	6.7	80.0	38.4	39.4
								Ci	95.7	15.27	15.33	3	95.7	40.3	40.5
203								234							
Br.	55.0	00.76	58.98	4.3	54.4	52.6	00.9	W B	27.9	29.97	29.21	1	27.9	07.8	55.8
P	02.5	00.22	59.02	8.9	02.5	52.7	58.3	B	57.9	29.73	29.28	1	57.9	59.5	52.5
Cap	29.9	59.70	58.84	14.0				Ber	81.0	29.47	29.27	2	81.0	58.8	55.6
J	30.0	59.67	58.81	5.7	30.0	56.9	00.9	Ci	91.3	29.30	29.21	3	91.3	55.2	53.7
Cap				0.8	37.0	57.5	01.1	Ci	95.7	29.35	29.30	3	95.7	54.4	53.7
6 Y	50.0	59.64	59.02	2.4	50.0	56.4	59.2								
Cap	51.7	59.47	58.88	3.1	50.7	58.2	01.0								
7 Y	60.0	59.50	59.01	4	60.0	57.4	59.7								
Y	63.4	59.43	58.98	3	68.3	58.6	00.4	236							
Bru	68.5	59.40	59.01	4.2	62.0	58.8	01.0	W B	28.0	23.92	24.64	1	28.0	28.2	18.1
Cor	77.5	59.25	58.97	5	77.5	58.8	00.1	B	57.9	24.35	24.77	2	57.9	26.6	20.7
Cap	78.3	59.24	58.97	3	78.3	59.1	00.3	Ber	81.3	24.44	24.63	3	81.3	22.9	20.3
Ci	95.0	59.02	58.96	3	95.0	58.8	59.1	Ci	97.3	24.65	24.68	4	97.3	19.8	19.4
208								237							
Br.	55.0	42.66	44.86	7.9	52.7	06.0	43.9	W A	50.9	12.89	13.48	1	50.9	34.7	32.2
P	00.4	43.39	44.90	13.8	00.0	57.2	42.2	Dun	83.9	13.08	13.27	1	83.9	33.0	32.2
G	07.9	43.36	44.76		07.9	56.1	42.3	Ci	95.4	13.36	13.42	5	95.4	32.3	32.1
Abo	30.0	43.80	44.86	12.11	30.0	53.4	42.9								
Arm	34.0	43.64	44.64	4.5	36.0	54.0	44.4	238							
12 Y	45.0	44.02	44.86	3.6	45.0	51.7	43.5	W B	23.1	21.11		1	23.1	21.2	10.4
R ₁	45.0	43.95	44.79	5.4	45.0	51.5	43.3	Rü	52.0	20.94		1	52.0	14.6	07.9
Pu	55.0	44.14	44.82	4	55.0	49.8	43.0	Gl ₁	75.7	21.11		3.4	77.0	12.5	09.3
R ₂	60.0	44.21	44.82	3	60.0	48.8	42.8	Gl ₂	88.7	21.12		3	90.1	12.0	10.6
Y	63.2	44.40	44.96	3.2	67.0	48.0	43.0	Ci	95.7	21.08		3	95.7	10.7	10.1
N 7 Y	64.0	44.35	44.90	3	64.0	48.0	42.6								
Rmg	75.0	44.54	44.92	2	75.0	46.2	42.5	240							
10 Y	80.0	44.57	44.87	3.4	80.0	45.7	42.7	Br.	55.7	48.38	46.04	10.5	55.2	15.7	03.6
Ci	95.0	44.73	44.81	3	95.0	44.3	43.5	P	00.0	47.91	46.29	12.11	00.0	53.2	03.4
								Abo	30.0	47.27	46.14	11	30.0	36.7	01.8
								J	30.0	47.25	46.12	7.10	30.0	36.5	01.6
210								Arm	39.9	47.14	46.17	8.9	41.8	31.1	02.1
W B	21.9	16.35		1	21.9	13.0	02.1	Par	45.2	46.96	46.07	21.10	45.4	29.2	02.0
Gl ₁	76.6	16.44		5.4	77.1	04.0	00.8	Pu	55.0	46.81	46.08	4	55.0	25.4	03.0
Gl ₂	88.7	16.09		4.3	90.5	00.8	59.5	7 Y	60.0	46.75	46.10	9.8	60.0	22.6	02.5
Ci	95.7	16.35		3	95.7	02.3	01.7	R ₂	60.0	46.77	46.12	4.7	60.0	25.8	05.7
								Bru	62.8	46.78	46.18	5.4	63.9	21.5	03.4
211								N 7 Y	64.0	46.74	46.16	3	64.0	21.2	03.1
L	95.8	25.47	25.16	1	95.8	33.2	12.4	Rmg	75.0	46.57	46.16	4	75.0	15.4	02.9
W B	32.0	25.59	25.39	1	32.1	23.6	10.0	Cap	78.9	46.51	46.17	2	78.9	13.8	03.2
Ber	70.6	25.22	25.13	2	70.6	16.6	10.7	Ka	83.1	46.36	46.09	6	83.1	12.6	04.1
Ber	93.8	25.23	25.21		93.8	12.0	10.8	Ci	96.3	46.19	46.13	4	96.3	04.8	03.0
Ci	97.3	25.28	25.27	3	97.3	11.4	10.9								
								243							
213								L	95.8	47.73	49.29	1	95.8	11.4	49.5
L	98.9	02.38	03.29	1	98.9	30.2	33.2	W B	32.1	48.86	49.88	1	32.1	04.9	50.6
W A	50.9	03.23	03.67	1	50.9	31.5	33.0	Wn	57.1	48.68	49.32	1	57.1	01.0	52.0
Par	58.9	03.02	03.39	1.2	59.0	31.9	33.1	Ber	70.5	48.85	49.29	2	70.5	57.3	51.1
Par	79.0	03.32	03.51	2	79.0	31.5	32.1	Ber	93.0	49.22	49.33		93.0	52.6	51.1
Ci	97.0	03.35	03.38	3	97.0	32.9	33.0	Ci	97.7	49.33	49.36	3	97.7	50.9	50.4
215								247							
L	95.8	05.59	06.74	1	95.8	01.8	37.8	L	91.7	42.00	45.25	1	91.7	29.5	20.8
W B	26.1	06.62	07.43	1	26.1	51.2	34.2	O A	41.8	43.49	45.24	1	41.8	24.2	19.5
B	59.7	06.55	06.99	6	59.7	44.0	34.7	B	78.3	44.58	45.23	3	78.3	22.1	20.4
Ber	70.4	06.66	06.99	2	70.4	43.1	36.3	Ci	97.5	45.16	45.24	2	97.5	20.4	20.2
Ber	93.3	06.84	06.91		93.3	38.4	36.9								
Ci	97.5	06.91	06.94	4	97.5	37.6	37.0								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
251		s	s			//	//	258		s	s			//	//
P	02.7	53.75		4,6	02.7	46.4	11.8	L	95.7	44.16	45.66	1	95.7	49.8	30.7
Bris				0,4	25.0	48.5	08.1	W B	26.1	44.61	45.67	1	26.1	41.3	27.8
Tay	35.0	53.32		3,4	35.0	55.0	12.0	Rü	36.0	44.67	45.59	3	36.0	40.8	29.1
Cap	40.2	53.54		2	40.0	54.1	09.8	Par	39.0	44.77	45.65	1,0			
W A	51.0	53.83		1	51.0	56.1	08.9	Rü	48.0	44.84	45.59	1	48.0	38.6	29.1
Cap	52.0	53.64		3,2	51.4	56.9	09.6	Pu	63.0	45.12	45.65	2	63.0	36.9	30.1
Mo	54.9	53.44		2	54.9	59.2	11.0	Ber	70.6	45.23	45.65	2	70.6	36.0	30.6
B	64.1	53.63		5	64.1	59.0	08.4	Ber	93.4	45.58	45.68		93.4	31.0	29.8
Bru	65.5	53.72		2	68.5	02.4	10.6	Ci	97.3	45.60	45.64	3	97.3	30.2	29.7
Cor	76.0	53.56		5	76.0	04.5	10.8								
Cap	78.7	53.75		4	78.7	05.1	10.6								
10 Y	80.0	53.69		1,2	80.0	06.5	11.7								
Ci	95.5	53.63		4	95.5	08.1	09.3								
252								259							
L	98.0	18.01	18.31	1	98.0	49.8	37.9	Rü	36.0	32.17	32.94	2	36.0	37.3	21.3
P	01.5	17.85	18.14	6	01.5	49.6	38.1	Rü	47.0	32.29	32.93	1	47.0	31.5	18.2
W B	28.1	17.87	18.08	1	28.1	42.7	34.3	Ber	81.0	32.70	32.93	2	81.0	24.4	19.7
Arm	32.1	17.72	17.92	1	53.9	44.6	39.2	Ci	97.0	32.91	32.95	3	97.0	21.2	20.4
Wr	33.0	17.93	18.12	6,0											
12 Y	41.0	18.04	18.21	3,5	41.0	46.2	39.3								
Pu	44.0	17.98	18.14	4	44.0	45.9	39.3								
7 Y	54.4	18.04	18.17	3,4	54.8	44.1	38.8								
R ₂	58.3	18.03	18.15	4,2	58.1	45.1	40.2								
Par	65.0	18.08	18.18	8,0											
Gl ₁	65.6	18.06	18.16	3	71.3	43.8	40.4								
Rmg	75.1	18.01	18.08	4	75.1	42.5	39.6								
Ber	81.6	18.06	18.11	2	81.6	41.3	39.1								
10 Y	83.5	18.12	18.17	4	83.5	41.5	39.6								
Ci	97.0	18.11	18.12	3	97.0	38.9	38.6								
254								264							
D'A	84.8	13.29	12.14	1	84.8	23.1	03.3	L	90.8	27.62	28.43	1	90.8	03.4	53.6
L	95.8	13.59	12.55	1	95.8	19.5	01.6	O A	42.5	28.22	28.64	2	42.5	55.8	50.6
P	10.4	12.67	11.77	4	10.4	13.3	57.9	Harv	77.0	28.34	28.51	4	77.0	54.4	52.3
W B	28.1	13.36	12.66	1	28.1	08.3	55.9	10 Y	82.2	28.14	28.28	2	81.6	52.8	51.1
Rü	36.0	13.06	12.42	2	36.0	09.1	58.1	Ci	96.5	28.45	28.47	2	96.5	53.7	53.4
Rü	45.0	13.01	12.46	3	45.0	09.4	59.9								
Par	58.0	12.90	12.48	1	58.0	08.9	01.7								
Par	71.9	12.86	12.58	1	71.9	05.7	00.9								
Ber	80.3	12.65	12.45	3	80.3	03.4	00.0								
Ci	97.0	12.55	12.52	3	97.0	00.9	00.4								
255								265							
Br				0,3	53.9	51.8	55.7	L	00.1	28.60	30.01	1	00.1	41.7	32.7
L	97.1	04.54	04.08	1	97.1	57.0	59.8	P	02.2	28.77	30.15	19,9	99.7	43.5	34.5
W B	22.1	03.58	03.23	1	22.1	51.4	53.5	Cap	40.4	29.29	30.14	3,1	40.0	34.9	29.5
Arm	45.1	04.23	03.98	2,6	41.9	53.0	54.6	W A	50.9	29.47	30.16	1	50.9	38.9	34.5
Par	45.3	04.09	03.84	3,0				Cap	51.8	29.35	30.03	2	51.3	36.7	32.3
7 Y	54.1	04.03	03.82	2	54.1	54.5	55.7	R ₂	57.5	29.55	30.15	4,5	58.3	37.2	33.5
Pu	55.0	04.17	03.97	5	55.0	53.4	54.6	Y	62.8	29.57	30.09	4	70.7	35.5	32.9
Bru	66.0	03.98	03.83	3	66.3	54.1	55.0	Bru	65.0	29.71	30.20	3,2	69.5	37.1	34.4
Cor	77.5	04.04	03.94	4,3	77.5	54.5	55.1	Cor	77.6	29.87	30.19	5	77.6	34.3	32.3
Cap	78.9	04.01	03.92	2	78.9	55.3	55.9	Cap	78.3	29.87	30.18	3	78.3	35.1	33.1
Par	79.0	04.12	04.03	3	79.0	54.4	55.0	R ₃	90.0	30.01	30.15	4,3	90.0	32.7	31.8
Ka	83.7	03.97	03.90	6	83.7	54.7	55.2	Ci	97.0	30.05	30.09	3	97.0	33.4	33.1
R ₃	90.0	03.95	03.91	3	90.0	54.5	54.8								
Ci	95.7	04.02	04.00	3	95.7	54.3	54.4								
256								268							
L	94.0	15.21	16.27	1	94.0	47.8	33.6	W B	28.0	34.44	36.67	1	28.0	39.3	18.4
G	15.0	16.02	16.87		15.0	50.5	39.1	B	59.0	35.30	36.57	1	59.0	35.4	23.5
O A	42.5	16.22	16.79	2	42.5	45.9	38.2	Ber	81.1	35.91	36.50	2	81.1	26.1	20.6
R ₁	48.0	15.97	16.49	3,5	48.0	45.9	38.9	Ci	96.5	36.48	36.59	2	96.5	22.0	21.0
Bru	66.0	16.12	16.46	3,2	71.1	42.0	38.1								
Harv	77.2	16.29	16.52	6,5	75.8	41.2	38.0								
Ci	96.5	16.52	16.56	2	96.5	38.3	37.8								
257								271							
								L	97.5	35.79	37.33	2	97.5	45.0	
								W B	22.1	36.31	37.48	1	22.1	39.1	
								Si	40.0	36.71	37.61	3	40.0	37.5	
								Alb	80.5	37.11	37.40	2	80.5	40.1	
								Ci	96.5	37.34	37.39	2	96.5	39.5	
								273							
								W B	23.0	06.13	06.44	1	23.0	34.1	14.1
								Gl ₁	70.5	06.32	06.44	2,3	73.0	20.2	13.2
								Gl ₂	88.7	06.36	06.41	3	88.4	18.2	15.2
								Ci	95.0	06.40	06.42	3	95.0	15.5	14.2
								274							
								L	94.0	53.22	54.92	1	94.0	33.3*	20.6
								G	11.1	53.69	55.11		11.1	33.1*	22.4
								O A	43.0	54.26	55.17	1	43.0	27.0	20.2
								R ₁	47.0	54.32	55.17	3,5	47.2	26.7	20.4
								Bru	67.7	54.70	55.22	3,2	71.1	26.0	22.5
								Harv	77.1	54.69	55.06	3	77.1	25.4	22.6
								Ci	97.0	54.97	55.02	3	97.0	21.8	21.4

L+15", G+10"

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
279		s	s			//	//	307		s	s			//	//
L	96.5	44.24	44.80	2	96.5	58.2	45.5	L	97.1	45.99	47.07	1	97.1	36.3	00.8
P	04.0	43.92	44.44	6	04.0	58.4	46.6	W B	26.1	46.05	46.83	1	26.1	21.7	56.2
Wr	33.0	43.95	44.31	8,0				Rü	36.0	46.06	46.73	2	36.0	18.8	56.7
Arm	42.0	43.82	44.13	2,1	54.0	51.5	45.8	Ber	71.1	46.47	46.77	5	70.7	09.5	59.4
12 Y	43.5	44.07	44.37	6	41.5	54.4	47.2	Ber	93.9	46.70	46.76		93.9	01.5	59.4
Rü	46.0	44.07	44.36	3	46.0	55.6	49.0	Ci	97.5	46.77	46.80	2	97.5	59.7	58.9
Pu	51.3	44.09	44.35	4	51.3	53.5	47.5								
B	64.1	44.16	44.35	1	64.1	52.7	48.3	311							
Leid	68.0	44.23	44.40	2	68.0	52.8	48.9	W B	32.1	30.02	30.70	1	32.1	01.9	44.2
Bru	72.4	44.12	44.27	3	69.0	50.5	46.7	Rü	36.0	30.00	30.64	4	36.0	04.7	48.1
Par	72.7	44.21	44.35	3	72.7	51.1	47.7	Ber	73.0	30.24	30.51	1	73.0	53.5	46.5
Ci	96.5	44.31	44.33	2	96.5	47.5	47.1	Ber	82.0	30.46	30.64	3	82.0	52.5	47.8
								Ci	97.0	30.63	30.66	3	97.0	47.9	47.1
284															
L	95.7	15.41	16.49	1	95.7	18.5	13.8	315							
W B	26.0	15.84	16.61	1	26.0	17.4	14.1	P	96.1	05.31	05.83	7	96.1	52.9	01.7
Rü	36.0	15.82	16.49	2	36.0	20.1	17.2	L	00.1	05.30	05.80	1	00.1	55.1	03.6
Bru	68.1	16.26	16.59	2,1	64.0	18.1	16.5	Cap	40.0	05.46	05.76	8,10	40.0	56.3	01.4
Ber	70.1	16.30	16.61	2	70.1	18.1	16.8	W A	50.9	05.42	05.67	1	50.9	54.4	58.6
Ring	74.9	16.25	16.51	2	74.9	17.7	16.6	Cap	51.9	05.49	05.73	2,3	51.5	56.8	00.9
Ber	89.1	16.38	16.49		89.1	16.4	15.9	Cap	60.0	05.60	05.80	6	60.0	58.8	02.2
Ci	96.5	16.46	16.50	2	96.5	16.5	16.3	Y	65.5	05.50	05.67	2	66.6	59.1	02.0
								Bru	71.6	05.81	05.96	2	71.5	59.0	01.4
294								Cor	76.1	05.63	05.75	5	76.1	59.0	01.0
L	98.4	18.39	18.64	2	98.4	54.4*	47.9	Cap	80.0	05.65	05.75	3	80.0	59.9	01.6
W B	30.1	18.67	18.84	2	30.1	54.0	49.5	10 Y	82.0	05.67	05.76	3	82.0	00.1	01.6
Par	47.9	18.71	18.84	1,0				R ₃	88.4	05.84	05.90	3	88.4	00.7	01.7
Par	63.1	18.66	18.75	4,1	58.1	54.2	51.5	Ci	97.0	05.74	05.75	3	97.0	00.8	01.1
Gl ₁	80.1	18.57	18.62	2,3	75.1	52.2	50.6								
Ber	80.6	18.63	18.68	3	80.6	50.9	49.7	318							
Par	81.0	18.76	18.81	4,3	81.3	50.4	49.2	L	99.9	51.29	51.24	1	99.9	45.8	58.3
Ci	96.5	18.72	18.73	2	96.5	49.9	49.7	B	52.9	51.38	51.36	1	52.9	51.6	57.6
						L 8877, -10"		Ci	90.6	51.27	51.27	4	90.6	57.0	58.2
296								Ci	95.0	51.25	51.25	3	95.0	57.7	58.3
L	94.0	34.97	34.02	1	94.0	05.4	00.1								
W B	22.0	34.71	34.01	1	22.0	00.8	56.9	320							
Si	39.0	34.42	33.87	2	39.0	02.8	59.7	Pu	47.1	20.05	20.89	2,1	47.0	32.0	18.8
Par	58.0	34.26	33.88	1	58.0	02.2	00.1	Ber	70.7	20.37	20.84	2	70.7	24.9	17.6
Göt ₂	63.0	34.19	33.86	1	63.0	00.8	59.0	Ber	95.0	20.78	20.86		95.0	19.7	18.4
Gl ₁	72.3	34.10	33.85	3	74.9	00.0	58.7	Ci	97.6	20.84	20.87	4	97.6	19.2	18.6
Par	73.9	34.09	33.86	2,1	73.9	00.6	59.3								
Ci	97.0	34.07	34.04	3	97.0	59.5	59.4	332							
								L	98.1	35.54		1	98.1	57.0	47.0
298								P	00.0	35.70		6	00.0	54.9	45.1
Ma	56.5	48.92	50.84	4,3	56.5	27.9	32.8	W B	22.0	36.33		1	22.0	53.9	46.3
D'A	84.8	49.14	50.68	1	84.8	17.4	33.1	Par	42.0	35.97		1,0			
L	95.8	49.19	50.59	1	95.8	15.7	35.7	Par	55.9	35.80		1,2	58.1	51.2	47.0
P	01.9	49.52	50.83	7,5	03.1	11.0	33.8	Par	72.1	35.97		1,0			
Abo	30.0	49.88	50.82	8	30.0	01.2	34.3	Alb	80.5	35.89		2	80.5	47.3	45.4
Arm	32.3	49.87	50.78	5,6	39.6	59.0	35.8	Ci	97.1	35.87		3	97.1	46.8	46.5
Rü	42.0	49.93	50.71	2	42.0	55.6	33.3								
Rü	48.0	50.00	50.70	3	48.0	53.4	33.4	338							
R ₂	58.3	50.36	50.92	5	55.5	51.5	34.4	W B	26.1	39.01		1	26.1	35.7	25.7
7 Y	60.0	50.28	50.82	7	60.0	48.7	33.3	Rü	36.0	39.12		2	36.0	35.0	26.4
Bru	61.8	50.26	50.77	4,3	64.4	48.0	34.4	Wn	58.1	38.76		1	58.1	29.1	23.4
N 7 Y	64.0	50.33	50.81	3	64.0	47.8	34.0	Ber	70.1	39.12		2	70.1	29.8	25.8
Gl ₁	66.0	50.19	50.65	3,5	65.6	47.6	34.4	Ber	93.6	39.11			93.6	26.2	25.3
Rmg	75.0	50.40	50.74	3	75.0	43.8	34.2	Ci	97.7	39.12		3	97.7	26.8	26.5
Ci	89.4	50.63	50.77	3	89.4	37.8	33.7								
Ci	95.5	50.72	50.78	2	95.5	35.4	33.7	339							
								L	97.1	46.86	48.40	1	97.1	41.2	
302								W B	26.1	47.22	48.33	1	26.1	46.1	
L	98.1	02.26		1	98.1	38.0	29.8	Ber	65.0	47.79	48.32	2	65.0	46.5	
W B	22.0	02.62		1	22.0	35.1	28.9	Ber	70.1	47.82	48.27	3	70.1	45.9	
Arm	49.1	02.14		5,1	53.1	32.1	28.3	Bru	72.6	47.82	48.23	4,2	71.1	44.5	
B	54.2	01.88		1	54.2	37.2	33.5	Ber	89.1	48.22	48.38		89.1	45.6	
Par	55.9	02.02		1	55.9	33.1	29.6	Ci	96.6	48.31	48.36	2	96.6	44.8	
Y	65.1	01.96		3,5	56.5	32.8	29.3								
Gl ₁	70.7	02.02		3,4	74.0	30.3	28.2	347							
Par	74.0	01.89		2	74.0	31.6	29.5	W B	26.1	29.61	29.46	1	26.1	53.3	25.9
Alb	79.6	01.90		2	79.6	31.1	29.5	Ber	70.7	29.55	29.49	2	70.7	37.0	26.2
Ci	97.0	01.95		3	97.0	29.8	29.6	Ber	95.0	29.49	29.48		95.0	27.2	25.4
								Ci	97.6	29.48	29.47	2	97.6	26.6	25.7

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
352		s	s			"	"	380		s	s			"	"
Rii	36.0	11.94		2	36.0	39.1	18.0	L	98.1	22.38		1	98.1	50.5	21.0
Ber	70.4	12.14		3	70.4	27.4	17.6	W B	22.1	22.05		1	22.1	38.2	15.7
Ber	93.1	12.04			93.1	19.7	17.4	Par	41.1	22.18		1,0			
Ci	97.6	12.02		2	97.6	18.9	18.1	Gl ₁	69.0	22.16		2,3	72.0	24.9	16.8
								Gl ₂	87.1	22.35		3,4	87.1	20.9	17.2
353								Ci	90.1	22.16		5	90.1	21.9	19.0
L	97.2	23.69	23.90	1	97.2	46.4	31.3	Ci	96.1	22.14		3	96.1	19.8	18.7
P M	32.2	23.88	24.02	1	32.2	43.1	33.1								
Ber	70.1	23.76	23.82	2	70.1	36.8	32.4	390							
Rmg	75.5	23.87	23.92	4	75.5	35.5	31.9	L	97.2	21.16	21.57	1	97.2	15.1	06.9
Ber	93.6	23.83	23.84		93.6	32.6	31.7	W B	25.2	21.36	21.66	1	25.2	15.0	09.0
Ci	97.6	23.89	23.90	2	97.6	33.0	32.6	Par	58.0	21.50	21.67	1	58.0	12.6	09.2
								Ber	70.9	21.49	21.61	3	70.9	09.3	07.0
354								Par	82.0	21.71	21.78	1	82.0	10.3	08.9
L	91.1	57.04	57.48	1	91.1	33.8	32.7	Ber	93.2	21.55	21.58		93.2	08.4	07.9
O A	42.1	57.39	57.62	1	42.1	33.7	33.1	Ci	97.1	21.57	21.58	3	97.1	08.4	08.2
B	75.1	57.48	57.58	2	75.1	31.9	31.7								
Par	81.0	57.34	57.42	1	81.0	31.3	31.1	393							
Ci	95.6	57.55	57.57	2	95.6	32.0	32.0	L	98.1	39.40	39.50	1	98.1	08.5	58.3
								W B	23.1	39.16	39.24	1	23.1	05.7	58.0
361								Par	59.2	39.61	39.65	1	59.2	01.7	57.6
L	97.2	50.01	50.52	1	97.2	26.8	04.2	Gl ₁	74.7	39.52	39.55	3	75.7	00.2	57.8
W B	26.1	50.20	50.57	2	26.1	17.4	01.1	Par	79.0	39.69	39.71	1	79.0	00.9	58.8
Wn	69.1	50.12	50.27	2,0				Gl ₂	89.1	39.62	39.63	2,3	89.8	58.6	57.6
Ber	70.7	50.28	50.43	2	70.7	10.6	04.2	Ci	95.1	39.58	39.58	3	95.1	58.5	58.0
Ber	95.0	50.44	50.47		95.0	04.3	03.2								
Ci	97.8	50.50	50.51	3	97.8	04.5	04.0	396							
								W A	51.0	28.65*	28.01	1	51.0	17.1	33.3
364								Cor	83.2	28.22	28.00	4	83.2	28.3	33.9
L	99.2	20.04	22.17	1	99.2	27.6	38.4	Ci	90.6	28.10	27.98	4	90.6	30.4	33.6
Mü	46.1	21.21	22.35	1	46.1	28.8	34.6	Ci	95.1	28.06	28.00	4	95.1	30.8	32.4
B	53.1	20.49	21.48	1	53.1	30.2	35.2			W A + 1 ^s					
Par				0,2	59.1	31.8	36.2	397							
Ci	89.6	21.88	22.10	4	89.6	35.8	36.9	W B	32.1	35.12	33.22	1	32.1	11.9	49.5
Ci	96.6	21.95	22.02	2	96.6	37.1	37.4	B	81.1	33.68	33.15	4	81.1	55.8	49.5
								Ci	95.1	33.34	33.20	3	95.1	51.0	49.4
370															
Br	52.1	18.91	15.52	1,0				398							
L	99.9	18.90	16.61	1	99.9	42.4	17.4	Br	54.1	08.58	07.44	2,1	54.2	28.8	
Abo	30.0	17.94	16.34	5	30.0	54.9	19.4	P	05.1	08.57	07.83	3	05.1	20.9	
12 Y	46.0	17.79	16.55	1	42.0	57.3	17.6	G	10.1	07.83	07.13		10.1	26.1	
6 Y	50.0	17.54	16.39	1,7	50.4	00.4	17.8	Arm	39.8	07.84	07.37	5,6	40.2	25.2	
Arm				0,2	51.0	58.9	16.1	R ₁	46.1	07.86	07.44	4,3	44.8	24.5	
Cap				0,2	51.4	02.0	19.0	Par	48.1	07.74	07.33	2	48.0	26.5	
Bru	63.9	17.41	16.59	5	65.3	05.4	17.6	Pu	55.0	07.70	07.35	4	55.0	24.9	
N 7 Y	64.0	17.23	16.41	1,2	63.1	04.2	17.1	N 7 Y	64.0	07.67	07.39	2	64.0	25.4	
Rmg	75.0	16.85	16.28	4	75.0	11.4	20.1	B	77.1	07.58	07.40	2	77.1	26.1	
Cap	79.0	16.85	16.37	2	79.0	11.1	18.4	10 Y	80.0	07.54	07.38	3	80.0	25.2	
Ci	92.4	16.59	16.42	3	92.4	15.7	18.4	Ci	96.6	07.49	07.46	2	96.6	26.5	
Ci	97.6	16.43	16.37	2	97.6	15.0	15.9								
372								404							
L	97.2	48.03	47.83	1	97.2	06.2	51.2	L	98.2	19.76	19.88	1	98.2	14.9	39.8
P	04.9	48.14	47.95	4,3	05.8	03.3	49.6	W A	51.1	20.01	20.07	1	51.1	29.6	41.5
W B	26.1	47.88	47.73	1	26.1	06.9	56.1	Tac	67.1	19.82	19.86	4	67.1	30.5	38.5
Tay	35.0	48.19	48.06		35.0	02.3	52.8	Dun	82.5	19.86	19.88	2	82.5	33.3	37.6
Par	62.1	47.74	47.66	1,0				Ci	90.1	19.95	19.96	4	90.1	38.6	41.0
Ber	70.7	47.77	47.71	2	70.7	57.1	52.8	Ci	95.1	19.92	19.93	3	95.1	38.9	40.1
Par	81.0	47.77	47.73	4	81.0	55.5	52.7	409							
Ber	93.2	47.77	47.76		93.2	53.7	52.7	L	97.1	19.66	18.53	1	97.1	18.0	05.2
Ci	97.6	47.79	47.78	2	97.6	53.2	52.8	W B	26.1	19.37	18.56	1	26.1	16.0	06.8
								Ber	70.8	18.78	18.46	4	70.8	10.0	06.4
373								Ber	93.2	18.59	18.51		93.2	06.0	05.2
F	90.1	57.52	59.42	1	90.1	07.3	02.6	Ci	97.8	18.58	18.56	3	97.8	06.3	06.0
G	11.1	58.16	59.70		11.1	06.9	03.1	411							
O A	42.5	58.95	59.95	2	42.5	04.9	02.4	L	97.1	05.67	02.74	2	97.1	14.2	51.6
R ₁	44.6	58.51	59.47	4,3	43.7	04.5	02.1	W B	29.2	05.00	02.98	1	29.2	07.3	51.7
Harv	72.8	59.12	59.59	6	72.8	04.2	03.0	Par	62.0	03.79	02.71	1,2	60.0	00.3	51.5
Ci	96.8	59.44	59.50	3	96.8	03.0	02.9	Arm ₂	69.9	03.38	02.52	5,6	66.7	00.1	52.8
								Ci	89.6	03.09	02.80	4	89.6	54.7	52.4
								Ci	95.1	03.05	02.91	3	95.1	52.0	50.9

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
413		s	s			//	//	441		s	s			//	//
L	97.1	15.51	14.74	1	97.1	05.4	47.9	Br				0,6	54.0	15.6	56.3
Rü	47.0	15.01	14.61		47.0	55.7	46.7	P	07.1	42.42	41.92	7,9	07.1	09.9	57.6
Wn	66.6	15.02	14.77	2,1	68.1	51.2	45.8	G	08.4	41.90	41.42		08.4	07.2	55.1
Ber	70.4	14.98	14.76	3	70.3	52.6	47.6	Arm	36.2	42.07	41.73	5,8	36.8	04.5	56.2
Ber	95.1	14.75	14.71		95.1	48.4	47.6	12 Y	45.0	41.98	41.68	1,4	45.0	04.0	56.7
Ci	97.8	14.74	14.72	3	97.8	48.2	47.8	R ₁	46.9	41.91	41.62	5,4	45.0	03.4	56.1
								Pu	55.0	41.91	41.67	4	55.0	01.8	55.9
415								R ₂	56.8	41.83	41.60	6,3	60.0	03.3	58.0
F	90.2	04.87	04.65	1	90.2	49.2	30.5	7 Y	60.0	41.84	41.62	5,2	60.0	01.8	56.5
O A	43.2	04.57	04.46	2	43.2	40.2	30.5	Bru	69.8	41.86	41.70	6,4	68.6	00.5	56.4
Harv	83.2	04.60	04.57	7	83.2	33.7	30.8	B	77.4	41.77	41.65	3	77.4	58.7	55.7
Ci	96.6	04.54	04.53	2	96.6	31.1	30.5	Ci	95.6	41.76	41.74	2	95.6	57.4	56.8
421								442							
F	90.2	31.75	33.27	1	90.2	44.6*	22.0	F	90.2	20.99		1	90.2	45.0	37.3
G	11.2	32.11	33.34	5	11.2	40.9	22.6	Wn	59.6	21.79		1	59.6	36.2	33.4
Arm	33.2	32.24	33.17	1,0				Harv	74.5	22.28		3	74.5	39.2	37.4
R ₁	48.5	32.47	33.19	2,4	46.6	32.6	21.6	Ci	96.9	22.16		3	96.9	37.6	37.4
N 7 Y	65.2	32.71	33.19	4	65.2	29.3	22.1								
9 Y	68.2	32.82	33.26	1	68.2	28.7	22.1	444							
Bru	71.2	32.96	33.36	1,3	70.8	27.3	21.3	L	95.1	48.00		1	95.1	47.4*	51.4
Krü	73.6	32.83	33.20	2	73.6	27.5	22.0	W B	30.2	48.20		2	30.2	48.5	51.2
Ci	96.6	33.26	33.31	2	96.6	23.0	22.3	Par	63.2	48.12		1	63.2	50.2	51.6
						F+10''		Par	74.1	48.28		2	74.1	49.9	50.9
424								Cb	77.2	48.12		3	77.2	48.9	49.8
W B	22.7	58.89	58.50	2	22.7	42.3	20.7	Ci	96.1	48.08		3	96.1	51.2	51.4
Gl ₁	74.8	58.67	58.54	4	76.1	26.1	19.4							L+10''	
Gl ₂	89.1	58.50	58.45	4	89.1	22.6	19.5	447							
Ci	95.7	58.51	58.49	4,3	95.7	22.3	21.1	L	97.2	37.49	36.77	2	97.2	32.8	21.7
								B	58.3	37.21	36.92	1	58.3	26.2	21.7
426								Par	75.8	37.27	37.10	4,3	76.4	24.0	21.5
L	97.2	03.98	03.67	1	97.2	27.3	45.0	Ber	82.0	37.04	36.91	3	82.0	24.3	22.4
W B	25.1	03.97	03.75	2	25.1	36.9	49.8	Ci	97.1	36.93	36.91	3	97.1	22.0	21.7
Si	58.2	03.90	03.77	2	58.2	42.4	49.6								
Par	58.2	03.64	03.51	2,3	58.5	40.1	47.2	448							
Cor	77.0	03.70	03.63	4	77.0	43.7	47.7	L	94.4	01.95	03.66	1	94.4	02.5	38.4
R ₃	84.1	03.83	03.78	3	84.1	44.5	47.2	W B	28.2	02.45	03.61	1	28.2	52.9	36.5
Ci	96.1	03.73	03.72	3	96.1	46.0	46.7	P M	32.8	02.53	03.62	3	32.8	53.6	38.3
								Leid	71.7	03.06	03.52	2	71.7	46.8	40.4
428								Bru	72.7	03.13	03.57	2,3	71.5	47.0	40.5
L	97.2	13.89	13.99	1	97.2	18.2	04.2	Rmg	77.7	03.26	03.62	8	77.7	44.3	39.2
W B	25.2	14.24	14.31	1	25.2	12.8	02.6	Ci	92.4	03.56	03.68	3	92.4	38.1	36.4
Ber	71.1	14.16	14.19	3	71.1	08.0	04.1	Ci	96.6	03.62	03.67	2	96.6	39.9	39.1
Ber	93.2	14.15	14.16		93.2	05.1	04.2								
Ci	97.6	14.21	14.21	2	97.6	03.5	03.2	449							
								Rü	36.0	29.29	30.12	3,2	36.0	16.4	51.4
429								B	79.4	29.98	30.25	5	79.4	57.6	49.6
L	97.1	45.44	45.54	1	97.1	07.3	00.1	Ci	96.6	30.08	30.12	2	96.6	52.6	51.3
W B	26.1	45.35	45.42	1	26.1	05.3	00.1								
Rü	36.0	45.36	45.42	1	36.0	06.1	01.6	451							
Par	56.1	45.51	45.55	1	56.1	03.5	00.4	L	97.2	46.40	45.03	2	97.2	54.8	41.4
Ber	70.7	45.49	45.52	2	70.7	02.2	00.1	Par	60.1	45.63	45.10	1	60.1	48.2	43.0
Par	80.1	45.57	45.59	2	80.1	02.6	01.2	Par	72.1	45.50	45.13	1	70.1	45.9	42.0
Ber	95.0	45.54	45.54		95.0	00.8	00.5	Ber	80.2	45.28	45.02	2	80.2	44.6	42.0
Ci	96.1	45.51	45.51	3	96.1	01.3	01.0	Ci	96.6	45.09	45.04	2	96.6	42.2	41.8
								452							
433								Br	55.2	14.73	13.93	6,3	54.1	39.5	23.3
L	91.8	14.74		1	91.8	38.0	22.3	P	02.4	14.76	14.22	6,8	02.8	33.2	22.4
W B	32.1	14.41		1	32.1	28.8	18.9	G	10.2	14.47	13.99		10.2	33.8	23.8
Par	75.0	14.57		2	71.6	24.0	19.9	Arm	40.8	14.28	13.95	5	40.2	29.6	23.0
Lund	80.1	14.56		2	80.1	24.0	21.1	R ₁	49.9	14.33	14.06	12,4	45.0	29.7	23.6
Ci	96.6	14.54		2	96.6	22.1	21.6	Pu	55.0	14.38	14.13	4	55.0	27.5	22.5
								R ₂	56.4	14.25	14.01	7,8	57.1	27.4	22.6
436								Par	61.7	14.27	14.06	3	61.7	27.2	23.0
F	90.2	51.46	52.01	2	90.2	01.7	50.7	Gl ₁	67.4	14.20	14.02	11,5	66.5	27.9	24.2
P M	23.8	51.37	51.75	5	23.8	56.6	49.0	Y	68.8	14.16	13.99	3,2	47.1	30.0	24.1
O A	43.2	50.84	51.12	1	43.2	53.0	47.3	9 Y	72.0	14.26	14.11	2,3	72.0	25.2	22.1
R ₁	50.4	51.67	51.92	5,7	47.0	54.2	48.9	Beck	75.0	14.23	14.09	4	75.0	24.9	22.1
Pu	62.6	51.44	51.63	4	62.6	51.8	48.1	10 Y	80.0	14.20	14.09	4	80.0	24.9	22.7
Krü	71.5	51.73	51.87	4	71.2	52.0	49.1	Ci	96.1	14.06	14.04	3	96.1	23.5	23.1
Ci	96.6	51.79	51.81	2	96.6	51.0	50.7								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
453		s	s			"	"	471		s	s			"	"
L	94.2	36.36	36.15	1	94.2	58.2	45.2	Br	55.4	34.69	35.18	3,1	54.2	45.5	32.8
W B	30.1	36.17	36.03	2	30.1	54.3	45.7	Ma	56.7	34.52	35.01	7,6	56.8	43.6	31.1
Par	81.1	35.98	35.94	1	81.1	47.4	45.1	D'A	84.3	34.20	34.59	4,5	84.5	43.8	33.8
Ci	96.6	36.10	36.09	2	96.6	46.0	45.6	P	02.4	34.82	35.15	9,7	02.4	39.3	30.8
459								Rü	36.0	34.86	35.08	2	36.0	35.4	29.8
L	96.2	15.39	15.91	1	96.2	32.9	18.4	Par	45.7	34.95	35.13	6,5	47.5	35.9	31.3
Par	59.1	15.49	15.69	1	59.1	23.7	18.0	Pu	55.0	34.95	35.10	4	55.0	35.1	31.2
Par	81.1	15.84	15.93	1	81.1	19.6	16.9	R ₂	57.1	34.90	35.05	3	58.1	34.6	31.0
Ci	96.7	15.82	15.84	2	96.7	18.8	18.3	Gl ₁	63.3	34.92	35.05	10,4	63.1	34.7	31.5
460								N 7 Y	64.0	34.96	35.08	3	64.0	34.0	30.9
L	01.2	29.87	31.06	1	01.2	11.6	57.0	9 Y	72.0	35.08	35.18	7,10	72.0	33.4	31.0
W B	25.2	30.32	31.22	1	25.2	05.5	54.4	Par	73.6	35.04	35.13	4,3	74.1	33.5	31.2
Ber	59.0	30.46	30.95	2	59.0	00.9	54.8	Ci	95.7	35.09	35.10	2	95.7	32.7	32.3
Ber	70.7	30.64	30.99	3	70.7	01.1	56.8	472							
Ber	93.2	30.93	31.01		93.2	57.2	56.2	L	96.2	07.95*		1	96.2	45.2	34.0
Ci	97.6	31.06	31.09	2	97.6	56.8	56.4	W B	29.2	08.14*		1	29.2	41.9	34.3
461								Par	61.1	08.18		2,1	63.1	38.4	34.5
Br	55.8	38.16	37.93	10,6	56.5	40.2	25.9	Par	79.2	08.11		1	79.2	34.2	32.0
P	03.7	38.18	38.03	15,12	01.7	35.2	25.4	Lund	80.1	08.02		2	80.1	35.4	33.3
Arm	35.5	38.00	37.90	3,5	51.9	30.2	25.4	Ci	96.7	07.96		2	96.7	35.4	35.0
Rü	36.0	38.04	37.94	3	36.0	30.5	24.1	L last wire + 1 ^s W B—10 ^s							
Par	50.7	38.08	38.00	39,8	47.1	31.1	25.8	473							
Pu	55.0	38.02	37.95	4	55.0	30.0	25.5	L	96.2	09.75	09.39	1	96.2	16.4	05.3
Par	59.8	38.04	37.98	7,11	63.4	29.0	25.3	W B	22.2	09.79	09.51	1	22.2	14.5	06.2
7 Y	60.0	38.00	37.94	3	60.0	29.3	25.3	Rü	36.0	09.58	09.36	2	36.0	16.0	09.2
9 Y	72.0	37.96	37.92	6,8	72.0	28.8	26.0	Par	58.1	09.52	09.37	2	58.1	11.7	07.2
Rmg	75.0	37.96	37.92	7	75.0	27.9	25.4	Par	75.6	09.57	09.48	2,1	72.0	09.8	06.8
10 Y	80.0	37.96	37.93	3,4	80.0	27.5	25.5	Ci	96.7	09.45	09.44	2	96.7	08.0	07.6
Ci	96.6	37.96	37.95	4	96.6	26.3	26.0	477							
462								L	95.6	23.96	24.38	2	95.6	41.9	30.4
B	61.2	23.71	23.28	1	61.2	30.8	17.6	W B	22.1	23.62	23.93	1	22.1	39.6	31.0
Ber	70.8	23.58	23.26	5	70.8	26.2	16.3	B	63.1	24.31	24.42	3	63.1	36.1	32.0
Cap	85.0	23.36	23.20	2	85.0	22.4	17.3	Alb	80.7	24.35	24.43	3	80.7	32.7	30.6
Ber	93.6	23.29	23.22		93.6	19.7	17.5	Ci	97.2	24.37	24.38	3	97.2	31.2	30.9
Ci	97.6	23.34	23.31	2	97.6	17.2	16.4	479							
463								L	96.2	10.50	10.16	1	96.2	35.7	24.6
L	95.1	28.85		1	95.1	12.3	02.9	P	07.5	10.77	10.46	9	08.6	34.2	24.4
W B	32.2	28.14		1	32.2	05.8	59.7	W B	22.2	11.04	10.78	1	22.2	36.4	28.1
Cb	76.2	28.39		3	76.2	03.2	01.0	Arm				0,3	44.2	33.0	27.0
Par	81.1	28.46		1	81.1	59.9	58.2	Par				0,1	61.1	31.3	27.1
Ci	96.6	28.43		2	96.6	02.5	02.2	Gl ₁	69.6	10.45	10.35	3	69.6	29.4	26.1
464								Bru	69.6	10.46	10.36	2,4	70.6	29.3	26.2
W B	25.2	38.31	37.49	2	25.2	54.9	43.7	Ci	97.2	10.45	10.44	3	97.2	26.3	26.0
B	57.2	37.87	37.40	1	57.2	51.8	45.4	483							
Ber	70.7	37.71	37.39	2	70.7	50.7	46.3	L	97.1	18.72	19.00	1	97.1	37.4	29.2
Wn	73.2	37.72	37.42	1	73.2	47.8	43.8	W B	22.0	18.34	18.55	1	22.0	41.4	35.2
Ber	87.7	37.58	37.44		87.7	47.0	45.2	Par	55.9	18.85	18.97	1,0			
Ci	96.7	37.49	37.45	2	96.7	45.2	44.7	Göt ₂	62.2	18.98	19.08	1	62.2	34.5	31.5
465								Gl ₁	74.6	18.94	19.01	4,3	71.5	34.4	32.1
L	91.8	15.75*	15.09	1	91.8	41.2	29.8	Par	79.8	18.94	18.99	3	79.8	32.8	31.2
G	12.1	15.49	14.95		12.1	36.1	27.1	Alb	80.1	19.00	19.05	3	80.1	33.3	31.7
W B	30.6	15.53	15.11	2	30.6	35.1	27.8	Ci	95.7	18.96	18.97	2	95.7	32.7	32.3
Rü	36.0	15.13	14.75	1	36.0	36.1	29.4	486							
R ₁	44.8	15.34	15.00	3	49.5	33.5	28.2	Ma	55.0	48.97	48.16	7	55.0	14.4	00.2
B	74.6	15.13	14.98	2	74.6	31.1	28.4	Br	55.5	48.94	48.13	10,4	54.3	14.1	59.8
Par	81.1	15.22	15.10	1	81.1	30.1	28.1	P	02.2	48.95	48.40	8	02.2	09.6	00.0
Ci	96.7	15.09	15.07	2	96.7	29.0	28.7	Arm	31.6	48.54	48.16	2,1	54.0	05.0	00.5
		L—1 ^s						Par	42.4	48.60	48.28	5,2	41.2	03.7	57.9
467								12 Y	45.0	48.56	48.25	5,12	40.0	06.3	00.4
L	96.2	26.26	25.43	1	96.2	30.4	21.0	Pu	55.0	48.45	48.20	4	55.0	04.1	59.7
W B	26.1	25.84	25.25	2	26.1	31.3	24.6	7 Y	60.0	48.41	48.19	5	60.0	03.0	59.1
Arm				0,1	53.2	27.5	23.3	Gl ₁	61.2	48.45	48.23	4,5	62.2	03.8	00.1
Par	63.2	25.74	25.44	1,0				N 7 Y	64.0	48.41	48.21	7,10	64.0	03.3	59.8
Par	72.1	25.66	25.44	2,1	72.2	24.8	22.3	9 Y	72.0	48.42	48.26	6,10	72.0	03.2	00.5
Ber	80.1	25.54	25.38	2	80.1	25.5	23.7	10 Y	80.0	48.33	48.22	3,7	80.0	01.8	59.8
Ci	96.7	25.45	25.42	2	96.7	23.1	22.8	Ci	96.2	48.32	48.30	3	96.2	00.2	59.8

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
489		s	s			"	"	505		s	s			"	"
W B.	25.2	40.16	40.91	1	25.2	06.5	47.0	L.	96.1	12.55		3	96.1	14.4	07.1
Par	61.2	40.56	40.95	1,0				W B.	22.2	12.66		1	22.2	15.0	09.5
Ber	71.2	40.52	40.81	4	71.2	55.0	47.5	Par	56.1	12.48		1	57.2	12.6	09.6
Ber	93.2	40.78	40.85		93.2	49.3	47.5	Gl ₁	68.8	12.52		3,5	75.9	08.4	06.6
Ci.	97.9	40.89	40.91	3	97.9	47.9	47.4	Par	79.1	12.45		1	79.1	09.7	08.2
								Ci.	96.2	12.54		3	96.2	08.7	08.4
493								506							
W B.	25.2	40.19	40.41	1	25.2	32.3	23.3	W B.	25.2	34.89		1	25.2	22.7	12.2
B.	63.2	40.23	40.34	1	63.2	29.5	25.1	Ber	70.7	34.63		2	70.7	16.3	12.2
Ber	70.7	40.15	40.24	2	70.7	27.5	24.0	Ber	93.2	34.62			93.2	13.7	12.7
Ber	93.2	40.34	40.36		93.2	24.2	23.4	Ci.	98.0	34.69		5	98.0	12.4	12.1
Ci.	97.7	40.35	40.36	2	97.7	24.4	24.1								
494								507							
L.	97.2	33.84	34.25	2	97.2	08.9	53.5	Br	53.9	38.88	38.24	51,0			
P.	06.8	33.87	34.24	4	06.8	09.5	55.1	L.	97.2	38.80	38.35	2	97.2	59.4	48.2
W B.	24.2	33.76	34.06	1	24.2	05.6	53.8	P.	01.5	38.80	38.37	11	01.5	01.2	50.5
Arm	40.3	33.97	34.21	7,5	40.6	02.6	53.4	W B.	27.9	38.84	38.52	3	27.9	57.8	49.9
Par	58.2	34.07	34.24	2	58.2	00.9	54.4	Arm	42.8	38.70	38.45	5,4	50.7	53.0	47.6
Cor	77.1	34.05	34.14	4	77.1	58.0	54.4	Pu	55.0	38.42	38.22	4	55.0	53.6	48.7
Cap	79.1	34.04	34.12	2	79.1	57.2	54.0	R ₂	55.8	38.54	38.35	5,4	58.4	54.0	49.5
R ₃	90.0	34.14	34.18	3	90.0	56.3	54.8	Bru	67.2	38.49	38.35	2,3	63.8	53.3	49.4
Ci.	96.2	34.17	34.19	3	96.2	54.7	54.1	N 7 Y	67.9	38.47	38.33	2	67.9	53.4	49.9
								Y	69.6	38.43	38.30	2,5	69.6	52.0	48.7
								9 Y	71.3	38.50	38.38	3,2	71.0	53.2	50.0
								10 Y	80.0	38.51	38.42	3,6	80.0	51.7	49.5
								Ci.	97.2	38.35	38.34	3	97.2	50.3	50.0
495								508							
W B.	25.2	38.57	38.72	1	25.2	23.8	53.1	L.	94.0	26.02	26.30	1	94.0	46.6	40.9
Rü	36.0	38.54	38.67	1	36.0	17.0	50.8	W B.	22.2	25.93	26.13	1	22.2	46.4	42.2
Ber	71.2	38.58	38.64	4	71.2	05.3	53.5	Par	59.1	26.11	26.22	1	59.1	42.7	40.5
Ber	93.2	38.61	38.62		93.2	54.6	51.8	Par	80.1	26.25	26.30	1	80.1	40.3	39.2
Ci.	97.7	38.70	38.71	2	97.7	52.8	51.8	Ci.	96.7	26.16	26.17	2	96.7	42.0	41.8
501								510							
Ma	55.0	46.11	45.68	5	55.0	18.5	04.7	L.	91.1	50.06	49.14	2	91.1	10.9	54.3
Br	55.4	46.09	45.66	12,5	54.1	19.5	05.7	P.	05.7	50.12	49.33	5	05.7	07.0	52.7
P.	02.2	46.20	45.91	5,6	02.2	16.5	07.2	G	14.2	49.91	49.19		14.2	06.8	53.8
Arm	29.2	45.87	45.66	1,3	50.9	09.6	04.9	12 Y	36.0	49.63	49.09	2	36.0	02.2	52.5
Par	38.9	45.88	45.70	5,0				O A	43.2	49.67	49.19	1	43.2	00.7	52.1
12 Y	41.4	45.87	45.69	7,10	44.5	10.6	05.3	R ₁	45.8	49.55	49.10	3	46.8	00.4	52.3
Pu	55.0	45.83	45.70	4	55.0	09.9	05.6	Pu	54.1	49.57	49.18	6	54.1	59.4	52.4
Y	59.7	45.81	45.69	11,3	61.2	08.5	04.8	Bru	70.7	49.38	49.13	2	68.2	57.7	52.8
Cap	60.0	45.84	45.72	10,8	60.0	09.3	05.5	Par	71.7	49.54	49.30	2	71.7	58.8	54.5
R ₂	60.0	45.87	45.75	8,6	60.0	09.4	05.6	B.	77.0	49.46	49.27	2	77.0	55.6	52.1
7 Y	60.0	45.83	45.71	10,12	60.0	08.7	04.9	Ci.	95.7	49.30	49.26	2	95.7	55.1	54.4
Par	61.9	45.75	45.64	9,6	63.9	09.0	05.6								
N 7 Y	64.0	45.86	45.76	7,15	64.0	08.5	05.1								
9 Y	72.0	45.76	45.68	12,20	72.0	07.8	05.1								
Par	73.3	45.82	45.74	5	73.3	08.0	05.4	513							
10 Y	80.0	45.74	45.68	5,9	80.0	06.9	05.0	L.	97.1	33.17	32.75	1	97.1	34.8	25.6
Ci.	95.6	45.79	45.78	2	95.6	07.1	06.7	P.	06.6	33.32	32.94	4	06.6	27.4	19.1
								W B.	23.1	33.34	33.02	2	23.1	27.0	20.2
503								Par	58.0	33.01	32.84	1	58.0	23.8	20.1
L.	97.2	44.12	43.91	3	97.2	11.6	58.2	Göt ₂	62.2	32.98	32.83	1	62.2	23.3	19.9
B.	53.1	44.05	43.96	1	53.1	05.9	59.8	Gl ₁	69.2	33.15	33.02	3	69.2	23.1	20.4
Par	59.0	43.96	43.88	1	58.2	04.4	59.0	Alb	80.2	32.99	32.91	5	80.2	22.3	20.5
Par	79.2	44.19	44.15	1	79.2	00.8	58.1	Ci.	95.2	32.92	32.90	3	95.2	20.6	20.2
Ci.	97.2	43.90	43.89	3	97.2	59.2	58.8								
504								519							
D'A.	85.2	12.80		1	85.2	10.2	58.7	W B.	22.1	05.34	04.87	1	22.1	13.5	26.7
L.	97.2	12.97		2	97.2	06.4*	56.1	Si.	40.0	05.19	04.83	3	40.0	17.0	27.2
P.	03.7	12.70		10	03.7	06.3	56.7	Gl ₁	76.5	05.04	04.90	5,2	78.2	23.9	27.6
W B.	25.2	12.92		1	25.2	06.1	58.6	Gl ₂	89.4	04.69	04.63	3	89.0	25.1	27.0
Par	41.4	12.67		8,1	41.1	01.8	55.9	Ci.	95.9	04.86	04.84	3	95.9	26.1	26.8
Gl ₁	63.8	12.58		3,2	65.6	59.7	56.3	523							
Par	75.9	12.67		4	75.9	59.1	56.7	W B.	26.1	17.93		1	26.1	38.7	47.6
Ber	80.7	12.75		3	80.7	58.7	56.8	Rü	36.0	17.26		1	36.0	42.6	50.3
Ci.	96.6	12.81		2	96.6	57.7	57.4	P M.	37.2	17.78		1	37.2	40.7	48.2
						L ₁₄ 803+10"		Rmg	75.4	17.67		4	75.4	46.6	49.5
								Ber	80.6	17.70		4	80.6	47.3	49.6
								Ci.	97.2	17.75		3	97.2	47.5	47.8

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
526		s	s			//	//	539		s	s			//	//
Br.				0,1	54.2	49.2	45.6	W A	52.1	48.91	50.32	2	52.1	48.3	00.3
L	00.2	49.93	49.63	2	00.2	45.6	43.1	Cor Z	73.6	49.32	50.10	3	73.6	55.9	02.5
Arm	39.6	49.92	49.74	5,1	51.1	41.2	40.0	Cor	79.2	49.56	50.17	3	79.2	55.5	00.7
12 Y	46.0	49.90	49.74	4	38.0	47.8	46.2	Ci	91.5	50.04	50.29	3	91.5	58.4	00.5
Par	49.4	49.86	49.71	4,1	47.2	48.2	46.9	Ci	95.6	50.01	50.14	4	95.6	59.4	00.5
Cap	52.2	49.96	49.82	2,3	51.8	43.9	42.7								
7 Y	57.5	49.83	49.70	3,4	58.2	44.9	43.8	541							
R ₂	58.2	49.70	49.58	8,9	57.5	46.1	45.0	L	97.2	57.96		1	97.2	19.1	30.4
Y	60.1	50.00	49.88	2,4	70.2	46.8	46.0	W A	51.1	58.18		2	51.1	26.8	32.2
Par	60.2	49.73	49.61	10,3	60.1	44.9	43.9	Par	59.7	58.49		2	61.6	28.8	33.0
Bru	68.0	49.86	49.76	4,3	61.9	44.5	43.5	Ci	96.6	58.14		2	96.6	30.2	30.6
Cor	75.1	49.80	49.72	5	75.1	46.1	45.5								
Cap	75.5	49.72	49.65	6,5	76.2	45.6	45.0	543							
R ₃	87.2	49.81	49.77	3	87.2	44.2	43.9	F	90.2	01.51	00.08	2	90.2	35.1	23.5
Ci	96.7	49.76	49.75	2	96.7	44.7	44.6	L	91.1	01.24	59.82	1	91.1	33.8	22.3
								P	02.2	01.46	00.19	5	02.2	32.6	22.2
527								G	11.2	01.18	00.03		11.2	32.3	22.9
Br.	54.7	09.60	10.04	3,2	54.1	09.0	25.8	O A	42.2	00.81	00.06	1	42.2	29.5	23.4
P	99.2	10.47	10.77	5,6	98.7	14.3	25.9	R ₁	45.1	00.69	59.98	4,6	46.9	28.6	23.0
Abo	30.0	10.02	10.23	8	30.0	19.5	27.5	Arm	45.4	00.54	59.83	5,4	40.7	28.3	22.0
Arm	36.5	10.06	10.25	7,2	49.7	18.9	24.7	Bru	68.7	00.43	00.02	2	67.7	25.1	21.7
Par	45.3	09.99	10.15	9,1	49.1	19.8	25.7	Krü	73.6	00.36	00.02	2	73.6	26.2	23.4
W A	51.6	09.99	10.14	2	51.6	19.7	25.3	Par	75.1	00.27	59.95	3	75.1	24.8	22.2
Cap	52.2	10.09	10.23	2	51.5	19.9	25.5	Ci	95.9	00.13	00.08	3	95.9	23.4	23.0
R ₂	57.3	10.04	10.17	7,4	55.4	19.3	24.4								
Par	58.8	10.04	10.16	3,2	58.7	19.4	24.1	544							
N 7 Y	64.0	10.10	10.21	2	64.0	21.5	25.6	Br.	54.6	04.17	03.71	7,3	55.2	16.2	33.6
Cor	78.1	10.12	10.19	3,4	78.1	23.2	25.7	P	01.7	04.24	03.93	8,10	02.8	22.2	33.9
Cap	79.1	10.16	10.22	2	79.1	23.5	25.9	Arm	36.4	04.01	03.81	6,5	52.7	27.5	33.2
10 Y	80.0	10.09	10.15	2	80.0	23.5	25.7	Si	40.0	03.95	03.76	3	40.0	25.7	32.9
R ₃	90.0	10.20	10.23	3	90.0	24.1	25.2	Par	51.4	03.98	03.82	24,4	41.7	26.9	33.9
Ci	95.2	10.07	10.09	3	95.2	25.0	25.6	Pu	55.0	04.04	03.90	4	55.0	29.1	34.5
								R ₂	55.8	03.92	03.78	9,6	55.8	28.1	33.4
530								7 Y	59.1	03.94	03.81	3	59.1	28.7	33.6
D'A	83.2	37.10	37.72	2	83.2	59.1	41.8	Bru	68.9	03.93	03.83	3	68.8	30.4	34.1
L	95.2	37.57	38.12	1	95.2	54.7	39.2	Alb	79.9	03.93	03.87	4	79.9	31.6	34.0
W B	26.2	37.36	37.75	1	26.2	53.1	42.2	10 Y	80.0	03.79	03.73	3	80.0	31.3	33.7
Par	71.9	37.78	37.93	3,4	72.0	45.3	41.2	Ci	97.2	03.83	03.82	3	97.2	32.5	32.8
Ber	74.0	37.53	37.67	2	74.0	44.1	40.3								
Cb	76.0	37.58	37.71	6	76.0	44.4	40.8	546							
Ci	96.2	37.82	37.84	3	96.2	41.8	41.2	L	96.2	56.23	55.11	1	96.2	56.7	53.6
								W B	26.1	56.10	55.30	1	26.1	59.9	57.7
531								Par	63.2	55.53	55.13	2,1	58.2	58.3	57.0
L	97.2	49.16		2	97.2	03.4	09.4	Par	72.1	55.51	55.21	1,0			
P	02.8	49.61		11,12	02.8	05.2	10.8	Ber	81.2	55.39	55.19	2	81.2	56.2	55.6
W B	25.1	49.65		1	25.1	09.3	13.6	Ci	96.7	55.24	55.20	2	96.7	55.0	54.9
Arm				0,3	49.5	06.0	08.9								
Bru	58.1	49.60		13,15	61.5	07.9	10.1	551							
Si	59.2	49.50		2	59.2	06.6	09.0	Br.	55.9	41.84	40.11	1,0			
Par	60.4	49.61		4,3	58.8	08.8	11.2	L	96.2	41.53	40.28	1	96.2	41.2	37.0
Cor	77.3	49.63		4	77.3	08.5	09.8	P	03.2	41.57	40.41	9	03.2	42.1	38.2
Cap	79.1	49.60		2	79.1	10.5	11.7	W B	26.1	41.09	40.20	2	26.1	39.4	36.4
R ₃	91.2	49.79		3	91.2	11.6	12.1	6 Y	50.0	40.72	40.12	6,5	50.0	40.9	38.9
Ci	95.2	49.58		3	95.2	09.7	10.0	Arm				0,3	53.8	40.3	38.5
								Pu	55.0	40.69	40.15	3	55.0	40.6	38.8
532								R ₂	60.0	40.67	40.19	7,9	56.5	40.1	38.4
L	99.1	03.83*	04.54	2	99.1	19.3	35.4	Bru	66.7	40.58	40.18	4,3	69.1	39.3	38.1
W B	25.2	04.12	04.64	1	25.2	13.4	40.8	Y	70.6	40.55	40.20	2	67.2	42.0	40.7
Rü	36.0	04.11*	04.56	1	36.0	03.4	35.6	Beck	75.0	40.51	40.21	4	75.0	39.0	38.0
Par	61.2	04.36	04.63	1,0				Ci	95.2	40.28	40.22	3	95.2	39.7	39.5
Ber	70.1	04.39	04.60	2	70.1	51.1	38.1								
Ci	91.5	04.61	04.67	3	91.5	40.7	37.0	552							
Ber	93.2	04.57	04.62		93.2	40.4	37.4	L	01.3	52.19	54.56	1	01.3	33.0	14.5
Ci	95.2	04.52	04.55	3	95.2	39.4	37.3	W A	51.1	53.38	54.56	2	51.1	59.4	19.9
		L sup. — 1 ^s						Cap	78.1	54.06	54.59	3	78.1	08.7	17.9
534		Rü — 1 ^m						Cor	79.0	54.05	54.55	8	79.0	08.8	17.6
W B	25.6	23.35		2	25.6	34.2	23.0	Ci	94.9	54.46	54.58	3	94.9	14.6	16.7
Ber	80.1	23.22		2	80.1	27.1	24.1								
Ci	96.7	23.25		2	96.7	23.6	23.1								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
554		s	s			"	"	570		s	s			"	"
L	94.2	30.33	29.91	1	94.2	30.9	16.6	Br	55.2	23.53	22.94	2,3	54.2	39.8	24.2
W B	25.2	30.53	30.23	1	25.2	23.5	13.4	Ma	56.4	23.51	22.92	5	56.6	37.1	21.8
Göt ₂	63.2	30.31	30.16	1	63.2	14.5	09.5	P	01.2	23.22	22.82	16,19	01.5	33.1	22.6
Ber	70.2	30.30	30.18	2	70.2	19.0	15.0	Wr ₁	33.0	23.11	22.84	4,0			
Ber	93.2	30.20	30.17		93.2	16.1	15.2	Arm	37.7	23.14	22.88	4,1	53.1	27.3	22.3
Ci	97.7	30.12	30.11	2	97.7	16.4	16.1	Pu	55.0	23.14	22.96	4	55.0	27.4	22.6
								R ₂	58.7	22.99	22.82	4,5	55.0	26.5	21.7
556								Par	63.2	23.08	22.93	5,2	60.1	28.3	24.0
D'A	84.2	08.55	08.20	1	84.2	15.0	42.5	N 7 Y	64.0	22.99	22.84	3,4	64.0	26.8	22.9
W B	25.2	08.46	08.22	1	25.2	59.5	38.5	Gl ₁	78.8	22.99	22.90	7,3	78.2	24.7	22.4
Par	48.1	08.62	08.46	1,6				10 Y	80.0	23.00	22.92	3	80.0	25.3	23.2
Wn	67.2	08.59	08.49	2	67.2	49.8	40.6	Ci	95.7	22.90	22.88	2	95.7	23.6	23.1
Ber	70.2	08.39	08.30	2	70.2	50.1	41.7								
Ber	93.2	08.33	08.31		93.2	43.2	41.3	574							
Ci	97.7	08.29	08.28	2	97.7	42.6	42.0	L	97.2	17.14	18.48	2	97.2	49.6	03.6
								B	53.2	18.03	18.64	1	53.2	56.5	02.8
557								Par	59.2	18.06	18.59	1	59.2	56.3	01.8
L	97.1	56.48	57.72	1	97.1	58.6	07.1	Par	79.2	18.12	18.39	1	79.2	59.8	02.6
W B	24.2	56.78	57.69	1	24.2	00.7	07.0	Ci	97.2	18.46	18.50	3	97.2	02.8	03.2
Mü	46.2	56.90	57.55	1	46.2	04.2	08.7								
Par	76.2	57.46	57.75	2	76.2	05.8	07.8	576							
R ₃	85.9	57.51	57.68	3	85.9	05.8	07.0	F	90.1	03.68	03.52	1	90.1	23.8	13.4
Ci	95.2	57.62	57.68	2	95.2	06.6	07.0	L	91.1	03.45	03.29	1	91.1	23.3	13.0
								P	05.9	03.49	03.35	6	05.9	20.2	11.3
562								G	11.2	03.42	03.29		11.2	22.2	13.8
W B	23.3	11.11	10.11	1	23.3	14.7	09.3	Rü	36.0	03.20	03.10	3	36.0	16.5	10.4
Mü	45.7	10.63	09.92	2	45.7	14.5	10.7	O A	42.1	03.41	03.32	1	42.1	17.9	12.4
Ber	65.0	10.46	10.01	2	65.0	13.4	10.9	Arm	44.2	03.26	03.18	5	47.4	16.2	11.2
Alb	80.7	10.20	09.95	2	80.7	12.0	10.6	R ₁	45.5	03.33	03.25	3,5	49.4	17.2	12.4
Ci	97.2	10.11	10.07	3	97.2	10.4	10.2	Y	53.4	03.18	03.11	4,5	48.2	16.9	12.0
								9 Y	68.2	03.23	03.18	2	68.2	18.4	15.4
564								Bru	70.6	03.36	03.32	3,5	72.1	15.1	12.4
L	97.1	06.24	06.45	1	97.1	16.3	03.1	Harv	79.5	03.37	03.34	6	79.5	15.5	13.6
W B	24.1	06.15	06.30	1	24.1	17.1	07.4	Ci	95.9	03.34	03.33	3	95.9	12.6	12.2
Si	38.2	06.19	06.31	3	38.2	12.6	04.7								
Par				0,1	45.3	12.8	05.8	581							
Mü	46.9	06.19	06.30	3	46.9	12.4	05.6	W B	24.0	27.89	26.75	1	24.0	05.1	02.8
Par	58.1	06.27	06.35	1	58.2	11.1	05.7	Si	40.0	27.52	26.62	1	40.0	01.6	59.8
Gl ₁	72.1	06.28	06.34	4,3	69.2	09.5	05.6	Mü	42.4	27.57	26.71	12	42.4	01.8	00.1
Par	75.2	06.40	06.45	2	75.2	08.4	05.2	Göt ₂	61.7	27.34	26.76	2	61.7	03.0	01.9
Alb	80.9	06.34	06.38	3	80.9	08.2	05.8	Göt ₁	68.3	27.15	26.68	2	68.3	01.4	00.4
Ci	95.7	06.35	06.36	2	95.7	05.7	05.1	Gl ₁	76.0	27.10	26.74	4,3	78.6	02.7	02.1
								Ka	83.0	26.90	26.65	4	83.0	02.0	01.5
565								Ci	95.2	26.81	26.74	3	95.2	00.9	00.8
L	95.6	14.95	14.32	2	95.6	43.8	31.0	583							
P	06.7	14.85	14.29	11,7	08.1	40.7	29.4	L	97.2	33.13	32.20	1	97.2	20.5	09.3
G	08.2	14.28	13.73		08.2	40.8	29.5	P	07.2	32.84	32.00	4	07.2	21.7	11.6
Rü	36.0	14.28	13.90	5,4	36.0	35.6	27.7	W B	22.1	32.70	32.00	1	22.1	18.2	09.7
O A	43.1	14.62	14.28	1	43.1	36.0	29.0	Arm	34.2	32.59	32.00	2,1	53.1	13.3	08.2
12 Y	45.0	14.56	14.23	3,5	45.0	37.0	30.2	Lam	35.3	32.68	32.10	4	35.3	17.5	10.4
Pu	45.7	14.43	14.10	5	45.7	35.3	28.6	Si	39.3	32.36	31.81	3	39.3	16.7	10.1
R ₁	47.3	14.49	14.17	5	45.0	35.9	29.1	Par	41.4	32.65	32.12	5,0			
Arm	51.2	14.34	14.05	1,6	40.2	36.8	29.4	Bru	63.2	32.27	31.94	2	63.2	12.9	08.9
7 Y	60.0	14.35	14.11	3	60.0	34.1	29.2	Y	63.4	32.35	32.02	4,6	65.6	14.4	10.6
Par				0,20	63.6	34.0	29.6	Gl ₁	68.2	32.34	32.05	4,5	69.8	12.6	09.3
Harv	78.2	14.34	14.21	2	78.2	33.2	30.5	Par	80.2	32.25	32.07	6,5	80.2	10.1	07.9
Ci	95.9	14.26	14.24	3	95.9	30.6	30.1	Ci	95.2	32.05	32.01	3	95.2	10.0	09.5
568								584							
B	59.1	36.40	37.34	2	59.1	42.9	34.7	W B	26.2	04.63	04.04	1	26.2	55.6	48.2
Ber	81.1	36.94	37.38	1	81.1	41.0	37.2	Y	76.3	04.22	04.03	3,2	62.8	51.1	47.4
Ci	96.7	37.27	37.37	2	96.7	36.3	35.6	Ber	80.8	04.14	03.99	3	80.8	49.3	47.4
								Ci	97.2	04.06	04.04	3	97.2	48.3	48.0

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
587		s	s			//	//	604		s	s			//	//
L	96.2	53.28	52.60	1	96.2	38.5	24.5	L	97.2	57.50	58.53	1	97.2	18.1	28.4
W B	26.2	52.76	52.28	1	26.2	32.8	22.8	W B	24.2	57.63	58.39	1	24.2	25.3	32.9
Par	57.1	52.90	52.63	1	57.2	28.8*	23.0	Si	45.3	58.02	58.57		45.3	22.1	27.6
Rmg	79.2	52.46	52.32	1	79.2	27.5	24.7	Par	58.2	58.19	58.61	1,2	58.2	24.7	28.9
Ber	80.2	52.68	32.55	2	80.1	27.8	25.1	Par	78.2	58.23	58.45	2	78.2	27.5	29.7
Ci	96.7	52.59	52.57	2	96.7	24.2	23.8	Ci	95.2	58.44	58.49	3	95.2	27.9	28.4
						Par + 10''									
589								612							
L	97.2	58.48	56.63	1	97.2	39.4	31.5	L	97.2	23.66	23.97	2	97.2	06.4	18.2
W B	24.3	58.76	57.40	1	24.3	36.0	30.2	Par	58.2	23.78	23.91	2	58.2	12.5	17.3
Mü	53.2	57.94	57.10	2	53.0	37.4	33.8	Ka	84.2	23.80	23.85	6	84.2	15.0	16.8
Par	60.2	58.12	57.40	1	60.2	33.8	30.7	R ₃	90.0	23.84	23.87	2	90.0	17.4	18.5
Cor	77.1	57.51	57.10	4	77.1	33.1	31.3	Ci	96.7	23.96	23.97	2	96.7	17.7	18.1
Par	77.6	57.55	57.15	3	77.6	32.9	31.2								
Arm ₂	78.5	57.77	57.38	5,7	78.5	35.0	33.3	613							
R ₃	86.2	57.32	57.07	3	86.2	33.4	32.3	Br	55.1	28.75	27.34	3,2	54.2	06.0	17.5
Ci	96.7	57.20	57.14	2	96.7	31.7	31.4	Ma	56.5	28.72	27.33	7,6	56.7	05.9	17.2
								P	01.5	28.15	27.19	13,10	01.5	13.0	20.8
593								Abo	30.0	27.94	27.26	9	30.0	11.8	17.3
L	97.2	18.05		1	97.2	22.5	42.1	Wr ₁	33.0	27.96	27.31	6,0			
W A	51.2	18.12		2	51.2	36.4	45.7	Arm	33.3	27.91	27.26	3,5	37.6	13.5	18.4
Cor	77.1	18.00		4	77.1	40.4	44.8	Par	49.9	27.73	27.24	6,1	50.1	14.9	18.8
R ₃	90.0	18.06		3	90.0	40.8	42.7	Pu	55.0	27.73	27.29	4	55.0	13.9	17.5
Ci	97.2	18.03		3	97.2	42.8	43.4	N 7 Y	65.9	27.65	27.32	3	65.9	14.5	17.2
								Rmg	75.0	27.50	27.26	4	75.0	15.9	17.9
595								10 Y	80.0	27.56	27.37	3	80.0	16.0	17.6
L	97.2	02.83	01.57	1	97.2	23.9		Par	80.2	27.57	27.38	3	80.2	15.4	17.0
W B	23.1	02.57*	01.62	1	23.1	22.1		Ci	96.7	27.33	27.30	2	96.7	17.2	17.5
Mü	43.2	02.27	01.57	5	43.2	22.7									
Si	62.2	01.98	01.52	2	62.2	22.7		616							
Göt ₁	68.5	01.86	01.47	2	68.5	24.0		W B	25.2	47.39	47.54	1	25.2	00.4	48.4
Par	77.7	01.86	01.59	2	77.7	24.9		Y	68.7	47.44	47.50	2	56.3	54.8	47.8
Ci	95.2	01.66	01.60	3	95.2	23.6		Ber	80.7	47.44	47.48	2	80.7	51.7	48.6
		W B — 1 ^s						Ci	97.5	47.50	47.51	4	97.5	48.8	48.4
598								618							
Br				0,3	55.6	50.9	02.0	L	97.2	06.91	05.68	1	97.2	28.3	
L	97.3	04.87		2	97.3	53.3	01.2	Par	56.2	05.99	05.46	1	56.2	27.1	
P	06.2	04.96		8	06.2	54.6	01.8	Ber	70.2	05.98	05.62	2	70.2	29.9	
Arm	31.2	05.07		1	53.2	59.1	02.7	Par	79.2	05.74	05.49	1	79.2	29.1	
Mü	46.2	05.26		1	46.2	59.3	03.4	Ber	94.2	05.63	05.56		94.2	27.9	
W A	51.0	05.08		1	51.0	56.6	00.4	Ci	97.7	05.66	05.63	2	97.7	29.1	
Cap	52.1	04.97		2,3	51.8	58.0	01.7								
Bru	64.9	05.08		3	64.5	59.7	02.4	619							
9 Y	72.0	04.92		3,4	72.0	00.4	02.6	L	97.2	05.27	05.37	1	97.2	13.5	25.8
Cor	77.2	04.93		4	77.2	00.2	02.0	W B	24.2	05.56	05.64	1	24.2	17.6	26.7
Cap	79.1	05.00		2	79.1	01.1	02.7	Si	57.0	05.43	05.47		57.0	20.5	25.7
R ₃	90.0	05.04		3	90.0	02.0	02.8	Par	59.2	05.30	05.34	1	59.2	21.2	26.1
Ci	95.2	04.99		3	95.2	00.9	01.3	Par	79.2	05.36	05.38	1	79.2	24.3	26.8
								Ci	95.3	05.47	05.47	3	95.3	25.4	26.0
600								620							
L	97.2	49.06	48.13	1	97.2	16.1	12.0	W B	24.2	24.48	22.35	1	24.2	24.4	21.4
W B	22.2	48.92	48.22	1	22.2	12.7	09.6	Sj	63.2	23.58	22.55	1	63.2	21.6	20.1
Par	60.8	48.26	47.91	2,1	62.3	12.4	10.9	Gl ₁	72.9	23.03	22.27	3	72.9	21.3	20.2
Par	79.2	48.22	48.03	2	79.2	11.4	10.6	Cor	77.2	22.93	22.29	4	77.2	22.3	21.4
Alb	81.7	48.22	48.05	2	81.7	12.4	11.7	Gl ₂	89.4	22.77	22.48	4,3	89.1	19.8	19.4
Ci	96.7	48.18	48.15	2	96.7	11.9	11.8	R ₃	90.0	22.78	22.50	3	90.0	22.2	21.8
								Ci	95.2	22.53	22.39	3	95.2	21.0	20.8
603								623							
L	96.7	49.03	48.00	2	96.7	45.7	48.8	L	97.2	14.27	13.76	1	97.2	22.9	10.0
P	03.3	49.28	48.31	4,6	03.3	47.0	49.9	W B	22.2	14.13	13.74	1	22.2	20.4	10.7
W B	25.2	48.62	47.87	1	25.2	49.4	51.6	Alb	81.2	13.80	13.71	2	81.2	12.8	10.4
Tay	35.0	48.58	47.93		35.0	48.1	50.1	Ci	96.7	13.79	13.77	2	96.7	10.6	10.2
Par	59.2	48.69	48.28	1,0											
Ber	70.7	48.30	48.01	2	70.7	49.5	50.4								
Ci	97.7	48.21	48.19	2	97.7	49.4	49.5								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
625		s	s			//	//	639		s	s			//	//
L	95.2	57.39	57.08	1	95.2	00.8	43.0	L	96.2	15.03	13.89	1	96.2	22.8	37.4
Par	74.2	57.14	57.06	2	74.2	47.0	42.6	W B	26.2	14.63	13.82	2	26.2	21.4	31.7
Cb	74.2	57.11	57.02	3	74.2	45.6	41.2	Par	71.2	14.32	14.00	2	71.2	30.6	34.6
Ci	95.0	57.07	57.06	3	95.0	44.2	43.3	Rmg	78.9	13.92	13.69	3	78.9	31.2	34.2
								Ber	80.5	13.99	13.78	3	80.5	31.5	34.2
								Ci	96.7	13.91	13.87	2	96.7	34.0	34.5
627								641							
Ma	56.3	32.61	32.01	1	56.3	35.6	25.5	L	95.6	26.33	28.21	3	95.6	45.8	
L	96.9	32.44	32.01	3	96.9	36.5	29.3	G	10.3	26.32	27.94		10.3	44.9	
P	02.2	32.31	31.90	5,6	02.2	33.9	27.0	W B	29.2	26.67	27.94	1	29.2	45.2	
W B	25.2	32.21	31.90	2	25.2	32.1	26.9	R ₁	45.2	26.94	27.93	3	46.2	42.6	
Kön	32.8	32.26	31.98	5	32.8	31.7	27.0	Par	55.3	27.01	27.82	2,1	67.2	43.4	
Arm	32.9	32.28	32.00	3,5	49.6	31.0	27.5	Bru	66.3	27.36	27.97	2	66.2	44.4	
Gl ₁	64.0	32.13	31.98	6,5	64.0	27.9	25.4	Arm ₂	70.4	27.26	27.79	4,6	70.8	44.3	
Bru	67.2	32.17	32.03	4	70.4	28.2	26.1	Lund	80.2	27.57	27.93	2	80.2	44.6	
Ber	70.4	32.03	31.91	3	70.4	28.1	26.0	Par	80.2	27.73	28.09	2	80.2	43.6	
Par	74.2	32.08	31.97	3,2	75.2	28.2	26.5	Ci	95.7	27.96	28.04	2	95.7	44.3	
Go	86.9	32.00	31.95	4	86.9	28.9	28.0								
Ci	95.3	32.00	31.98	3	95.3	28.0	27.7								
								644							
628								L	96.2	42.68	41.33	1	96.2	50.2	54.9
L	01.3	58.62	00.70	1	01.3	41.0	10.4	P M	24.0	42.13	41.14	5	24.0	54.3	57.7
W B	25.2	58.65	00.22	1	25.2	35.9	12.7	W B	26.2	42.00	41.04	1	26.2	54.5	57.8
Y	68.3	59.69	00.36	2	62.8	24.8	13.4	Pu	45.1	41.96	41.25	6	45.1	55.3	57.8
Ber	81.2	00.00	00.40	2	81.2	18.3	12.5	P M	52.2	42.06	41.44	2	52.2	53.9	56.1
Ci	96.7	00.38	00.45	2	96.7	12.6	11.6	Bru	70.7	41.56	41.18	4,5	69.2	54.9	56.3
								Rmg	75.6	41.40	41.08	5	75.6	56.4	57.5
								Ber	81.5	41.39	41.15	3	81.5	56.5	57.3
								Ci	97.2	41.29	41.25	3	97.2	57.1	57.2
631								645							
L	97.2	13.03	11.78	1	97.2	59.7	02.3	Br	54.9	38.68	40.74	6,5	52.5	23.1	12.9
P	04.2	13.62	12.45	6	04.2	04.8	07.2	P	01.1	39.53	40.93	7,5	99.9	21.0	14.1
W B	22.2	13.19	12.24	1	22.2	05.4	07.3	G	08.3	39.18	40.48		08.3	19.6	13.3
Si	45.2	12.81	12.14		45.2	05.7	07.1	Arm	44.2	39.93	40.72	3,5	49.6	17.8	14.3
Mü	45.3	13.08	12.41	1	45.3	13.4	14.8	R ₁	45.0	40.08	40.86	5	45.0	18.1	14.3
Si	62.3	12.74	12.28	2	62.3	05.3	06.2	Pu	55.0	40.13	40.77	4	55.0	17.0	13.9
Göt ₁	68.2	12.64	12.25	2	68.2	05.4	06.3	R ₂	60.0	40.38	40.95	2,3	60.0	15.5	12.7
Par	76.6	12.44	12.15	3	76.6	05.9	06.5	7 Y	60.0	40.23	40.80	2,10	60.0	16.0	13.2
Cor	80.1	12.39	12.15	3	80.1	05.7	06.2	N 7 Y	64.0	40.08	40.59	2,10	64.0	15.6	13.1
R ₃	92.2	12.38	12.28	3	92.2	07.9	08.1	9 Y	72.0	40.21	40.61	5,9	72.0	15.1	13.2
Ci	95.2	12.37	12.31	3	95.2	06.3	06.4	Krü	75.2	40.42	40.77	2	75.2	16.4	14.7
								10 Y	80.0	40.42	40.70	6,10	80.0	15.0	13.6
								Ci	95.2	40.62	40.69	3	95.2	13.8	13.5
633								646							
L	94.2	07.32	06.47	1	94.2	41.8	24.9	D'A	85.3	44.74	42.99	2	85.3	38.5	24.7
G	14.2	07.39	06.70		14.2	36.6	22.9	L	96.9	44.77	43.20	3	96.9	33.1	20.7
W B	30.2	06.92	06.36	1	30.2	31.6	20.4	P	07.1	44.22	42.80	5,6	07.1	29.7	18.5
R ₁	45.2	07.07	06.63	3	46.2	31.2	22.6	W B	30.3	44.00	42.93	1	30.3	30.1	21.7
Bru	67.8	06.80	06.54	4,3	66.5	28.6	23.2	Rü	36.0	43.88	42.90	2	36.0	27.5	19.8
Y	74.2	06.74	06.53	3	62.2	31.2	25.2	Arm	51.3	43.76	43.01	1,5	44.6	26.6	19.9
Lund	80.2	06.72	06.56	2	80.2	27.1	23.9	Bru	66.9	43.69	43.18	3	61.9	24.8	20.2
Par	81.1	06.92	06.77	1	81.1	26.9	23.9	Leid	72.2	43.45	43.02	2	72.2	23.0	19.7
Ci	95.2	06.62	06.58	3	95.2	23.8	23.0	Par	72.9	43.42	43.01	3	72.9	23.4	20.2
								Gl ₁	73.3	43.60	43.19	4	77.9	23.8	21.2
636								Ci	95.8	43.05	42.98	2	95.8	21.5	21.0
L	94.2	15.05	13.72	1	94.2	25.5	15.5								
G	13.2	15.31	14.22		13.2	22.6	14.3	648							
R ₁	47.1	14.75	14.08	5	47.6	18.2	13.2	L	97.2	18.20	18.61	1	97.2	43.8	33.5
Bru	73.7	14.28	13.95	2	73.7	18.2	15.7	W B	22.2	18.77	19.08	1	22.2	44.5	36.7
Rmg	75.0	14.29	13.98	6	75.0	17.5	15.1	Par	73.7	18.60	18.71	2	73.7	37.8	35.2
B	76.2	14.38	14.08	4	76.2	17.0	14.7	Ci	97.2	18.82	18.83	3	97.2	35.1	34.8
Par	79.7	14.28	14.02	10,8	79.5	17.6	15.7								
Ci	96.6	14.19	14.15	3	96.6	15.2	14.9	655							
								L	96.2	28.28	29.32	1	96.2	31.4	35.5
638								W B	30.3	28.57	29.27	1	30.3	29.9	32.7
L	96.2	31.26	31.57	1	96.2	10.9	02.6	B	59.2	29.03	29.44	1	59.2	31.4	33.0
Par	56.2	31.25	31.38	1,2	56.2	06.5	03.0	Leid	71.5	29.13	29.41	2	71.5	33.4	34.5
Göt ₂	63.2	31.49	31.60	1	63.2	04.5	01.5	Par	73.2	29.21	29.48	3	73.2	33.8	34.9
Par	79.7	31.46	31.52	2	79.7	02.9	01.3	Ci	95.2	29.26	29.31	3	95.2	34.1	34.3
Ber	85.2	31.41	31.45	1	85.2	03.6	02.4								
Ci	96.7	31.52	31.53	2	96.7	03.6	03.3								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
657		s	s			//	//	671		s	s			//	//
L	96.2	01.28*	01.03	1	96.2	19.8	09.4	D'A	83.3	11.07	10.49	1	83.3	40.4*	28.5
W B	25.2	01.17	00.99	1	25.2	16.0	08.5	L	97.7	11.03	10.52	3	97.9	37.6	27.2
Par	61.2	01.10	01.01	4,3	62.2	11.5	07.7	W B	25.2	11.13	10.76	1	25.2	36.1	28.5
Par	70.3	01.16	01.09	1	70.3	11.8	08.8	Par	56.3	10.91	10.69	1	58.2	32.1	27.8
Ber	80.7	01.04	00.99	2	80.7	11.0	09.1	B	64.3	10.80	10.62	3	64.3	32.3	28.7
Ci	96.8	01.03	01.02	2	96.8	10.2	09.9	Ber	70.0	10.73	10.58	3	70.0	33.6	30.5
		L + 10 ^s						Arm ₂	70.6	10.76	10.61	5,6	70.3	32.4	29.4
659								Par	72.7	10.76	10.62	4,2	73.2	30.2	27.5
Br	56.8	07.89	06.03	9,4	55.2	38.2	46.2	Rmg	77.2	10.76	10.64	2	77.2	33.2	30.9
P	00.8	07.40	06.11	17,12	01.0	41.2	46.6	Ber	93.3	10.67	10.63		93.3	31.0	30.3
Rü	36.0	06.99	06.14	2	36.0	43.0	46.5	Ci	95.3	10.65	10.62	3	95.3	28.2	27.7
Arm	40.1	06.85	06.07	6,5	40.2	43.6	46.9							D'A — 10''	
Par	51.5	06.69	06.06	3,1	49.1	43.9	46.7	672							
Pu	55.0	06.69	06.11	4	55.0	43.5	46.0	L	97.2	11.40	11.71	1	97.2	12.7	24.2
7 Y	60.0	06.60	06.08	3	60.0	43.7	45.9	P	02.9	11.09	11.38	6,5	02.9	17.5	28.4
Par	63.1	06.59	06.11	3	64.5	44.6	46.6	W B	24.2	11.34	11.57	1	24.2	19.7	28.2
N 7 Y	64.0	06.55	06.08	2	64.0	44.1	46.1	Mü	46.2	11.28	11.44	1	46.2	20.8	26.8
9 Y	72.0	06.35	05.99	5,10	72.0	45.2	46.7	B	53.3	11.21	11.35	1	53.3	21.9	27.1
10 Y	80.0	06.29	06.03	8	80.0	45.2	46.3	Par	58.2	11.35	11.48	1	58.2	21.5	26.2
Ci	95.8	06.16	06.10	2	95.8	46.2	46.4	Si	59.2	11.50	11.62	2	59.2	20.6	25.2
661								Cor	77.3	11.44	11.51	4	77.3	24.0	26.5
P M	23.7	24.79	23.99	6	23.7	50.1	39.0	Par	79.2	11.49	11.55	1	79.2	24.9	27.2
W B	26.2	24.87	24.09	1	26.2	49.4	38.7	R ₃	87.9	11.51	11.55	3	87.9	25.4	26.7
Bru	66.8	24.37	24.02	4	66.7	43.2	38.4	Ci	95.8	11.50	11.51	2	95.8	27.2	27.7
Rmg	76.0	24.29	24.04	3	76.0	42.7	39.2	674							
Ber	80.8	24.22	24.02	3	80.8	42.0	39.2	L	97.2	51.96	52.22	1	97.2	39.3	48.6
Ci	96.8	24.05	24.02	2	96.8	39.5	39.0	W A	51.2	52.26	52.38	2	51.2	42.7	47.1
664								Par	59.2	52.16	52.26	1	59.2	45.4	49.1
W B	23.2	37.47	37.62	1	23.2	17.9	56.4	Par	80.5	52.19	52.24	3	80.5	46.2	48.0
Sj	62.2	37.29	37.37	2	62.2	04.6	54.0	Ci	97.3	52.25	52.26	3	97.3	47.6	47.9
Gl ₁	72.2	37.56	37.62	2,3	72.2	59.7	51.9	676							
Gl ₂	89.5	37.63	37.65	3,4	89.5	58.1	55.2	L	96.2	09.97	08.78	1	96.2	25.6	28.7
Ci	95.8	37.56	37.57	4	95.8	57.2	56.0	W B	25.2	09.75	08.89	2	25.2	24.0	26.2
665								Rü	36.0	09.40	08.66	2	36.0	26.3	28.2
L	97.9	51.86	50.48	3	97.9	36.6		Par	63.3	09.31	08.89	1	63.3	27.8	28.9
P	04.5	51.57	50.28	6	04.5	36.5		Ber	81.2	09.00	08.78	2	81.2	28.1	28.7
W B	25.2	51.42	50.41	1	25.2	36.4		Ci	96.8	08.77	08.73	2	96.8	28.2	28.3
Tay	35.0	51.24	50.36		35.0	38.5		678							
Rü	36.0	50.98	50.12	2	36.0	36.6		L	96.2	28.69	28.90	2	96.2	42.6	28.0
Par	61.5	50.88	50.36	3,1	58.2	38.6		Ber	70.7	29.05	29.11	2	70.7	32.0	27.9
Ber	70.4	50.73	50.33	3	70.4	38.1		Par	73.9	29.13	29.18	3,2	75.3	29.9	26.4
Par	72.2	50.72	50.34	1	72.2	39.6		Ber	81.5	29.04	29.08	3	81.5	30.2	27.6
Ci	97.8	50.45	50.42	2	97.8	37.6		Ber	94.2	29.03	29.04		94.2	28.7	27.9
666								Ci	95.5	29.07	29.08	4	95.5	28.5	27.9
D'A	85.3	11.60		2	85.3	28.9	16.3	682							
L	96.2	11.95		1	96.2	26.0	14.6	L	95.3	54.11	54.01	1	95.3	32.5	15.7
W B	30.3	12.15		1	30.3	20.8	13.1	W B	26.2	53.61	53.54	1	26.2	25.0	13.2
Par	67.1	12.07		1	67.1	15.9	12.3	Par	71.7	53.72	53.69	4	71.7	18.5	14.0
Leid	71.8	12.01		2	71.8	16.0	12.9	Cb	79.4	53.68	53.66	8	79.4	17.0	13.7
Arm ₂	73.9	11.81		4	73.9	16.8	14.0	Ci	97.3	53.67	53.67	3	97.3	15.1	14.7
Par	79.2	11.78		1	79.2	16.6	14.3	683							
Ci	95.7	11.80		2	95.7	15.4	14.9	L	97.2	02.43	01.18	1	97.2	30.3	14.9
669								W B	22.2	02.59	01.64	2	22.2	26.2	14.5
L	96.2	28.35	28.87	1	96.2	20.0	06.0	P M	24.1	01.95	01.02	6	24.1	26.5	15.1
W B	30.3	28.52	28.87	1	30.3	16.9	07.5	Pu	56.2	01.64	01.11	4	56.2	21.7	15.1
B	63.2	28.86	29.04	2	63.2	09.6	04.6	Bru	63.6	01.58	01.14	10,6	69.0	19.1	14.5
Par	75.2	28.63	28.75	2,1	80.2	10.1	07.4	Par	71.5	01.39	01.04	3	71.5	19.1	14.8
Ci	97.2	28.82	28.83	3	97.2	07.3	06.8	Rmg	75.5	01.34	01.04	4	75.5	19.1	15.4
								Ci	97.3	01.13	01.10	3	97.3	15.3	14.9

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
684		s	s			//	//	696		s	s			//	//
L	96.2	51.71	49.97	1	96.2	05.9	56.1	L	98.2	20.40	20.50	1	98.2	45.7	59.1
W B	29.3	51.35	50.16	1	29.3	04.4	57.8	W B	23.3	20.51	20.58	1	23.3	51.0	01.0
Par	68.2	50.49	49.96	2	68.2	57.4	54.4	Alb	79.7	20.59	20.61	2	79.7	57.4	00.0
B	70.7	50.42	49.93	2	70.7	59.1	56.4	Ci	97.3	20.54	20.54	3	97.3	58.6	59.0
Ci	96.8	50.15	50.10	2	96.8	57.8	57.5								
685								698							
L	98.8	02.01	01.19	2	98.8	01.8	48.7	L	94.2	48.85	47.47	1	94.2	49.8	
W B	23.2	01.94	01.32	1	23.2	01.3	51.3	W B	30.7	48.38	47.48	2	30.7	46.4	
Par	58.1	01.51	01.17	1,0				B	71.5	47.78	47.41	3	71.5	47.8	
Gl ₁	68.9	01.57	01.32	3,4	71.2	51.1	47.3	Par	80.2	47.63	47.37	2	80.2	48.7	
Par	79.5	01.42	01.25	3	79.9	51.9	49.3	Ci	95.8	47.60	47.54	2	95.8	48.1	
Ci	95.6	01.30	01.26	4	95.6	50.5	49.9								
686								701							
L	94.2	10.55	09.07	1	94.2	18.8*	15.6	L	97.3	41.10	41.97	1	97.3	20.6	18.6
W B	30.2	09.89	08.91	1	30.2	16.8	14.7	W A	52.2	41.61	42.02	1	52.2	23.6	22.6
B	60.3	09.28	08.72	1	60.3	17.1	15.9	B	53.2	41.84	42.24	1	53.2	21.8	20.9
B	71.5	09.18	08.78	3	71.5	15.7	14.8	Par				0,1	59.2	21.0	20.2
Par	80.2	08.90	08.62	2,1	80.2	14.7	14.1	Par	81.2	41.97	42.13	1	81.2	21.5	21.1
Ci	95.8	09.03	08.97	2	95.8	15.3	15.2	Dun	84.2	41.91	42.04	1	84.2	21.3	21.0
						L — 10''		Ci	97.3	41.98	42.00	3	97.3	20.4	20.4
687								702							
W B	25.2	10.44	08.42	1	25.2	56.0	47.0	L	95.8	55.34	54.71	2	95.8	17.7	04.7
B	59.2	09.67	08.57	1	59.2	46.7	41.8	W B	26.2	55.69	55.25	1	26.2	14.2	05.0
Ber	81.2	08.99	08.48	2	81.2	45.7	43.4	Par	61.2	55.29	55.06	1,2	59.7	10.6	05.6
Ci	96.8	08.54	08.45	2	96.8	44.2	43.8	Par	73.2	55.11	54.95	2	73.2	07.7	04.3
								Ber	81.5	54.95	54.84	3	81.5	07.7	05.4
688								Ci	95.3	54.89	54.86	3	95.3	05.3	04.7
L	97.8	45.92	42.24	2	97.8	10.8	23.1	703							
W B	22.2	45.57	42.77	1	22.2	15.6	24.9	Br	55.2	16.08	14.46	8,3	54.1	08.6	03.1
Par				0,1	59.1	19.9	24.7	P	05.4	15.62	14.56	8	05.4	06.4	02.8
Ber	65.0	43.48	42.22	1	65.0	19.7	23.9	Abo	30.0	15.17	14.39	8	30.0	07.2	04.5
Gl ₁	69.2	43.52	42.41	3	72.1	18.2	21.5	Arm	33.7	15.09	14.35	2,1	51.2	05.6	03.7
Par	80.0	43.17	42.45	4	80.0	20.8	23.2	12 Y	45.0	15.16	14.54	2,4	45.0	06.3	04.2
Ci	97.3	42.48	42.38	3	97.3	23.4	23.7	Par	45.3	14.98	14.37	7,1	53.1	04.8	03.1
								6 Y	50.0	14.94	14.38	3,0			
689								Pu	55.0	14.94	14.44	4	55.0	05.6	03.9
W B	22.2	14.43	13.34	1	22.2	24.2		Par	58.5	14.72	14.26	3,2	58.7	05.7	04.1
Stru	35.8	14.19	13.29	2	35.8	20.1		Beck	75.0	14.65	14.37	5	75.0	04.4	03.4
Sj	62.2	13.68	13.15	1	62.2	19.9		Rmg	75.0	14.64	14.36	8	75.0	04.6	03.6
Gl ₁	77.8	13.57	13.26	6,4	78.0	18.5		10 Y	80.0	14.59	14.37	3	80.0	04.3	03.5
Gl ₂	89.8	13.33	13.19	3	88.8	19.4		Ci	95.8	14.49	14.44	4	95.8	03.8	03.6
Ci	95.3	13.41	13.34	3	95.3	20.9									
690								705							
W B	22.2	15.37	14.28	1	22.2	27.6		L	91.1	14.34	12.92	1	91.1	35.0	23.6
P M	35.8	15.06	14.16	2	35.8	26.6		O A	42.3	13.56	12.81	1	42.3	29.1	23.0
Gl ₁	77.8	14.54	14.23	3,5	78.1	25.8		Harv	84.2	13.19	12.98	2	84.2	25.4	23.7
Gl ₂	90.2	14.28	14.14	3,4	89.9	25.8		Ci	96.8	12.90	12.86	2	96.8	23.6	23.3
Ci	95.8	14.28	14.21	4	95.8	27.7									
692								706							
L	97.2	39.34	38.31	1	97.2	05.5	13.2	G	13.2	10.59	11.20		13.2	39.1	25.1
Mü	46.2	38.96	38.42	1	46.2	08.7	12.7	W B	29.2	10.32	10.82	1	29.2	39.0	27.6
B	54.1	38.60	38.14	1	54.1	12.1	15.5	R ₁	46.2	10.53	10.91	3,4	48.0	33.3	24.9
Par	57.2	38.77	38.34	1	57.2	09.7	12.9	Y	61.6	10.69	10.96	5	61.1	33.1	26.8
Cor	77.3	38.50	38.27	4	77.3	11.6	13.3	Bru	69.3	10.62	10.84	2,4	69.5	30.7	25.8
Par	79.1	38.49	38.28	1	79.1	12.7	14.3	Lund	80.2	10.77	10.91	2	80.2	29.2	26.0
R ₃	84.4	38.50	38.34	5,3	84.6	11.2	12.3	Ci	95.0	10.94	10.97	3	95.0	27.3	26.5
Ci	95.8	38.39	38.35	2	95.8	13.3	13.6								
693								710							
L	94.3	07.43	06.80	1,0				Br	55.5	42.01	41.56	3	54.3	17.0	03.7
W B	28.3	06.96	06.53	1	28.3	00.1	42.9	L	96.2	42.13	41.81	3	96.2	09.8	00.2
Par	75.5	06.77	06.62	3,2	77.7	49.1	43.8	P	01.1	41.90	41.59	14,15	01.1	11.8	02.7
Lund	80.2	06.84	06.72	2	80.2	49.0	44.2	W B	27.2	41.84	41.61	2	27.2	09.4	02.7
Ci	96.8	06.79	06.77	2	96.8	44.1	43.3	Arm	42.3	41.81	41.63	6,5	41.2	09.7	04.3
								Par	50.8	41.81	41.66	3,0			
								Pu	55.0	41.81	41.67	5	55.0	07.7	03.6
								R ₂	57.0	41.78	41.65	5	55.4	07.6	03.5
								N 7 Y	64.0	41.69	41.58	4	64.0	06.5	03.2
								10 Y	80.0	41.67	41.61	3	80.0	05.3	03.5
								Ci	95.8	41.65	41.64	4	95.8	03.5	03.1

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
711		s	s			"	"	730		s	s			"	"
L.	97.2	46.49	43.53	1	97.2	24.2	58.9	W B.	23.3	04.68	02.61	1	23.3	23.4	25.7
W A.	50.2	45.24	43.80	2	50.2	12.7	00.4	Mü	54.3	03.96	02.72	1	54.3	24.7	26.1
Par				0,1	55.3	13.9	02.9	Alb	79.8	03.18	02.63	2	79.8	24.8	25.4
Cor	76.6	44.32	43.65	6	76.6	07.6	01.8	Ci.	97.3	02.74	02.66	3	97.3	25.9	26.0
10 Y	85.1	44.13	43.70	4,3	85.4	04.1	00.5								
R ₃	90.0	44.02	43.73	6,4	90.0	03.2	00.7	731							
Ci.	97.3	43.68	43.60	3	97.3	00.0	59.3	W A.	50.2	30.38	29.24	1	50.2	54.6	49.6
713								Cap.	52.2	30.46	29.37	3,2	51.7	56.5	51.7
L.	98.7	09.75	10.16	2	98.7	09.7	01.2	Mel ₁	64.3	30.10	29.29	4	64.3	55.1	51.5
W B.	23.2	10.18	10.49	1	23.2	10.6	04.1	Bru	66.5	30.20	29.44	5,4	66.5	55.7	52.4
Par	37.7	09.96	10.21	4,0				Y	69.6	30.10	29.41	4	70.8	55.9	53.0
Gl ₁	68.8	10.09	10.21	3	68.8	05.1	02.5	Mel ₂	72.4	29.88	29.25	3	72.4	54.7	51.9
Par	79.7	10.09	10.17	2	79.7	04.3	02.6	Cor	76.2	29.84	29.30	4	76.2	54.5	52.1
Ci.	97.3	10.15	10.16	3	97.3	03.1	02.9	Cap.	78.2	29.91	29.41	2	78.2	53.9	51.7
715								R ₃	86.6	29.68	29.38	3	86.6	54.1	52.8
L.	96.2	12.95	13.47	1	96.2	56.1	44.0	Ci.	97.3	29.41	29.35	3	97.3	51.7	51.4
Par				0,1	58.0	52.1	47.2	735							
Arm ₂	69.6	13.04	13.19	6	69.6	51.7	48.1	D'A.	83.3	26.15	26.03	1	83.3	58.9	47.2
Par	80.2	13.25	13.35	2	80.2	48.9	46.6	L.	95.3	25.61	25.51	1	95.3	57.5	47.0
Ci.	96.8	13.29	13.31	2	96.8	45.6	45.2	W B.	26.2	25.85	25.78	1	26.2	56.9	49.5
717								Par	63.3	25.91	25.87	1	63.3	50.6	46.9
L.	95.6	58.63	56.33	3	95.6	53.0		Par	71.2	25.81	25.78	3	71.2	51.3	48.4
W B.	29.2	58.02	56.46	1	29.2	54.5		Arm ₂	71.7	25.78	25.75	3	71.7	51.3	48.5
Rü	36.0	57.45	56.04	1	36.0	53.4		Cb	81.0	25.75	25.73	7	81.0	50.0	48.1
B.	77.8	56.80	56.31	4	77.8	52.3		Ci.	95.3	25.76	25.76	4	95.3	48.3	47.8
Par	80.2	56.81	56.37	1	80.2	53.2		736							
Ci.	96.8	56.41	56.34	2	96.8	53.4		L.	94.3	44.56	42.76	1	94.3	07.5	06.2
719								W B.	29.2	43.64	42.44	1	29.2	07.6	06.8
L.	96.3	43.22		1	96.3	55.7	03.0	Lund	80.2	42.97	42.63	2	80.2	07.2	07.0
Mü	43.8	43.01		9,7	43.6	57.1	00.9	Par	81.3	42.87	42.55	1	81.3	06.3	06.1
Par	58.2	43.19		1	58.2	59.2	02.1	Ci.	96.8	42.82	42.76	2	96.8	06.6	06.6
Göt ₂	61.2	42.96		1	61.2	59.1	01.8	738							
Sj.	63.2	43.12		1	63.2	57.5	00.1	L.	97.2	04.51	05.44	1	97.2	07.6	14.8
Göt ₁	68.2	43.07		2	68.2	00.9	03.1	B.	53.2	04.97	05.39	1	53.2	08.8	12.1
Par	79.1	43.01		1	79.1	04.6	06.1	Par	60.3	05.02	05.38	1	60.3	09.1	11.9
R ₃	90.0	43.08		3	90.0	02.8	03.5	Par	79.7	05.27	05.45	2	79.7	11.8	13.2
Ci.	95.3	43.01		3	95.3	01.9	02.2	Ci.	95.3	05.41	05.45	3	95.3	13.0	13.3
722								739							
L.	96.3	57.54	57.85	1	96.3	03.7	14.1	D'A.	83.3	11.90	11.55	2	83.3	24.6	11.8
W B.	23.3	57.66	57.89	1	23.3	00.4	08.1	L.	96.3	11.51	11.20	1	96.3	19.0	07.6
Mü	42.6	57.49	57.66	8	42.6	04.8	10.5	W B.	25.2	11.06	10.84	1	25.2	15.2	07.0
Göt ₂	61.3	57.42	57.54	1	61.3	08.6	12.5	Ber	70.1	11.44	11.35	3	70.1	12.4	09.1
Sj.	63.3	57.79	57.90	1	63.3	06.9	10.6	Ber	94.3	11.42	11.40		94.3	09.2	08.5
Par	72.9	57.68	57.76	3	72.9	09.4	12.1	Ci.	97.8	11.37	11.36	2	97.8	09.4	09.2
Gl ₁	73.8	57.68	57.76	3,4	75.4	09.6	12.1	741							
Ci.	95.3	57.77	57.78	3	95.3	10.8	11.3	L.	98.3	38.42	37.01	1	98.3	11.2	06.4
723								W B.	22.8	38.10	37.03	2	22.8	09.0	05.4
L.	96.2	40.64		1	96.2	16.1	59.1	Si	40.0	37.95	37.12	2	40.0	08.7	05.9
W B.	29.3	40.97		1	29.3	12.2	00.7	Par	41.5	37.85	37.04	3,0			
B.	71.7	40.50		4	71.7	04.1	59.5	Par	56.3	37.65	37.04	1	56.3	09.0	06.8
Par	80.3	40.53		2	80.3	03.4	00.2	B.	62.2	37.59	37.06	2	62.2	08.6	06.8
Ci.	96.8	40.56		2	96.8	00.4	59.9	Gl ₁	69.8	37.32	36.90	3	73.5	08.1	06.9
726								Par	72.2	37.45	37.05	1	72.2	08.2	06.9
L.	97.3	04.72	05.13	1	97.3	45.4	52.6	Rmg	75.0	37.33	36.98	5	75.0	07.0	05.8
B.	53.4	05.05	05.24	1	53.4	49.8	53.1	Alb	80.3	37.30	37.03	3	80.3	06.8	05.9
Par	56.2	05.03	05.21	1,0				Ci.	96.8	37.14	37.10	2	96.8	07.1	06.9
Par	80.2	05.05	05.13	1	80.2	51.9	53.3	745							
R ₃	89.1	05.07	05.11	3	89.1	51.3	52.1	L.	98.3	53.43	53.33	1	98.3	54.9	47.8
Ci.	97.3	05.09	05.10	3	97.3	52.1	52.3	G.	12.3	53.36	53.27		12.3	51.7	45.7
728								W B.	30.2	53.57	53.50	2	30.2	50.6	45.7
W B.	24.3	04.14	10.36	1	24.3	22.6*	20.7	R ₁	47.2	53.50	53.45	5	45.4	48.2	44.4
Si	56.3	06.71	10.30	2	56.3	15.5	23.7	Y	60.2	53.59	53.55	3,4	58.0	48.8	45.9
B.	70.2	07.61	10.06	5	70.2	33.0	19.5	Par	67.2	53.42	53.39	1	67.2	45.9	43.6
Rmg	78.3	08.38	10.16	1	78.3	46.0	19.9	B.	74.7	53.49	53.46	2	74.7	48.9	47.1
Ci.	90.7	09.53	10.29	5,6	90.7	06.9	21.4	Par	80.2	53.30	53.28	1	80.2	45.3	43.9
Ci.	97.3	09.90	10.12	4	97.3	15.6	19.8	Ci.	94.8	53.37	53.36	2	94.8	46.8	46.4
						W B	+10''								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
747		s	s			//	//	764		s	s			//	//
P	07.3	13.10	14.56	8,7	07.3	22.8	18.7	L	98.2	19.95	19.24	1	98.2	55.2	48.5
O A	42.2	13.85	14.76	2	42.2	21.5	19.0	P	04.3	20.46	19.79	4	04.3	53.3	47.0
Harv	79.7	14.33	14.65	5	79.7	19.3	18.4	W B	23.3	19.87	19.33	1	23.3	54.9	49.8
Ci	97.3	14.54	14.58	3	97.3	19.0	18.9	Par	41.2	19.85	19.44	3,0			
								Par	58.1	19.60	19.31	1	57.2	50.7	47.9
748								Gl ₁	71.2	19.63	19.43	3	73.6	50.7	49.0
W B	22.2	59.80	58.87	1	22.2	41.0	46.4	Par	79.7	19.66	19.52	2	79.7	49.9	48.6
Gl ₁	75.8	59.06	58.77	3	76.6	44.4	46.0	Alb	80.9	19.62	19.49	3	80.9	48.8	47.5
Gl ₂	89.1	58.95	58.82	3,6	88.2	45.3	46.1	Ci	96.1	19.57	19.54	4	96.1	49.0	48.7
Ci	95.8	58.96	58.91	4	95.8	46.4	46.7								
								767							
753								L	96.2	39.18		2	96.2	36.4	08.3
L	96.3	02.67	03.71	1	96.3	00.3	42.0	W B	28.2	39.65		2	28.2	22.7	03.3
Par	56.2	03.13	03.57	1,2	56.1	50.1	42.4	B	63.2	39.53		2	63.2	17.7	07.8
Ber	70.3	03.29	03.59	2	70.3	48.4	43.2	Ber	70.3	39.47		2	70.3	14.6	06.6
Par	72.2	03.51	03.79	1	72.2	46.5	41.6	Par	73.7	39.55		2	73.7	13.2	06.1
Ber	94.3	03.53	03.59		94.3	42.2	41.2	Ber	93.3	39.45			93.3	08.3	06.5
Ci	96.8	03.67	03.70	2	96.8	42.4	41.8	Ci	97.3	39.47		3	97.3	07.5	06.8
755								768							
L	96.3	42.79	42.95	1	96.3	49.2	58.5	L	98.3	17.33*	15.66	1	98.3	04.9	56.2
W B	23.3	42.81	42.92	1	23.3	50.6	57.5	W B	25.2	16.82	15.59	1	25.2	01.2	54.8
Par	40.3	42.83	42.92	7,1	39.2	54.5	00.0	Ber	70.3	16.15	15.66	2	70.3	58.2	55.7
Mü	43.8	42.81	42.90	11,12	43.8	53.8	58.9	Wn	73.2	15.99	15.55	1	73.2	55.3	53.0
Par	60.9	42.80	42.86	4,3	59.9	54.9	58.5	Par	79.2	16.02*	15.68	1,2	79.2	57.1	55.3
Göt ₂	61.3	42.90	42.96	3	61.3	54.1	57.6	Ber	93.3	15.78	15.67		93.3	56.4	55.8
Sj	63.2	43.00	43.06	2	63.2	55.0	58.3	Ci	97.8	15.72	15.68	2	97.8	56.3	56.1
Göt ₁	68.2	42.76	42.81	2	68.2	55.7	58.6			L + 1 ^s	Par - 1 ^s				
Gl ₁	69.8	42.92	42.97	3	73.4	55.6	58.0								
Par	76.2	42.83	42.87	3	76.2	57.2	59.3	771							
Cor	77.2	42.78	42.81	4	77.2	56.1	58.2	L	97.2	32.00	32.67	1	97.2	36.8	44.0
R ₃	83.0	42.79	42.82	5,3	82.2	58.3	59.9	B	53.2	32.59	32.89	1	53.2	41.2	44.5
Ka	83.7	42.79	42.82	6	83.7	56.8	58.3	Par	61.5	32.56	32.81	6,2	64.2	41.9	44.4
Ci	95.3	42.93	42.94	3	95.3	57.4	57.8	Cor	78.3	32.66	32.80	4	78.3	43.8	45.3
								R ₃	90.9	32.71	32.77	3	90.9	43.7	44.3
								Ci	95.3	32.68	32.71	3	95.3	43.1	43.4
759															
L	98.8	25.39	23.89	2	98.8	12.8		773							
W B	25.2	25.15	24.04	1	25.2	07.9		L	98.2	29.67		2	98.2	12.3	00.6
Hamb	45.0	24.48	23.67	2	45.0	11.3		W B	32.3	30.02		1	32.3	12.0	04.2
Par	60.2	24.41	23.82	5,4	59.5	11.8		Bru	68.8	29.77		4,3	68.6	06.0	02.4
Ber	70.1	24.23	23.79	5	70.1	10.9		Par	73.5	29.85		4	73.5	05.0	02.0
Par	70.7	24.36	23.93	2,1	71.2	11.0		Cb	75.3	29.72		3	75.3	04.3	01.5
Arm ₂	71.2	24.25	23.82	5,6	70.6	12.7		Ci	97.3	29.72		3	97.3	02.5	02.2
Ber	93.2	23.98	23.88		93.2	10.8									
Ci	95.3	23.99	23.92	3	95.3	10.9									
		D'A rejected.						774							
760								L	98.2	37.87		1	98.2	31.8	21.6
Br	54.5	58.49	57.62	22,6	54.2	28.7	16.5	W B	23.3	38.36		1	23.3	35.1	27.4
P	01.4	58.24	57.65	10,11	01.4	22.7	14.4	Mü	42.3	38.13		1	42.3	31.3	25.5
Wr ₁	33.0	57.97	57.57	8,0				B	63.2	38.13		2	63.2	31.9	28.2
Si	38.3	58.15	57.78	2	38.3	21.7	16.5	Par	75.2	38.27		2	75.2	26.4	23.9
Arm	42.5	58.04	57.70	5	49.8	20.8	16.5	Alb	80.3	38.16		3	80.3	29.6	27.6
Par	48.6	57.94	57.63	21,5	51.1	19.9	15.8	Ci	96.3	38.03		3	96.3	24.6	24.2
Pu	55.0	57.86	57.59	4	55.0	21.0	17.2								
R ₂	56.7	57.80	57.54	8,7	56.3	19.5	15.8	775							
Par	58.7	57.88	57.63	4,2	61.2	20.5	17.2	Br	55.7	48.06	45.95	2	54.3	28.1	21.5
N 7 Y	64.0	57.85	57.63	4	64.0	19.0	16.0	P	03.3	47.58*	46.16	5	03.3	23.9	19.5
Alb	79.9	57.76	57.64	3	79.9	17.8	16.1	Abo	30.0	46.94	45.92	12	30.0	23.4	20.2
Ci	95.3	57.70	57.67	3	95.3	16.3	15.9	Arm	32.5	46.94	45.95	5,6	39.9	23.0	20.3
								Par	49.8	46.74	46.01	5,1	51.1	24.3	22.1
761								Wr ₂	50.2	46.66	45.93	5,0			
L	98.2	46.45	44.94	1	98.2	33.4		Pu	55.0	46.71	46.05	4	55.0	22.4	20.4
W B	24.2	46.21	45.09	2	24.2	41.0		R ₂	55.0	46.55	45.89	5,6	57.1	22.5	20.6
Si	57.0	45.78	45.14		57.0	37.6		Bru	61.7	46.55	45.99	2,3	64.5	22.5	20.9
Par	61.3	45.71	45.14	1	58.3	37.6		N 7 Y	64.0	46.49	45.96	4	64.0	23.3	21.7
Mü	65.3	45.67	45.16	1	65.3	37.2		Rmg	75.0	46.32	45.96	6	75.0	21.7	20.6
Par	81.3	45.26	44.98	1	81.3	38.8		Cor	79.2	46.28	45.98	3	79.2	21.2	20.3
R ₃	91.6	45.21	45.09	3	91.6	39.7		Ci	89.8	46.15	46.00	4,5	89.8	21.4	20.9
Ci	95.8	45.09	45.03	4	95.8	38.2		Ci	96.8	46.14	46.09	2	96.8	22.0	21.9
										P + 1 ^s					

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
777		s	s			//	//	791		s	s			//	//
Ma	56.2	01.57	59.92	4	56.2	08.3	56.8	Br.	55.9	15.66	13.95	4,0			
D'A	84.7	00.69	59.37	3	84.7	08.6	59.4	L	95.8	15.46	14.22	2	95.8	26.6	12.1
L	97.3	00.53	59.35	2	97.3	04.0	55.8	P	04.9	15.46	14.33	6	04.9	26.5	13.3
P	04.6	00.64	59.54	7	04.6	04.0	56.4	G	11.2	15.11	14.05		11.2	26.5	14.2
W B	29.2	00.50	59.69	1	29.2	02.3	56.6	Arm.	41.9	14.70	14.01	5	43.5	21.2	13.3
Arm.	34.7	00.50	59.75	2	54.2	00.9	57.2	Par	44.7	14.62	13.96	4,2	48.7	20.2	13.1
Lam	35.3	00.28	59.54	6	35.3	01.7	56.5	R ₁	47.2	14.72	14.09	5	45.7	21.3	13.8
Rü	36.0	00.15	59.41	2	36.0	59.7	54.6	Pu	55.0	14.61	14.07	4	55.0	19.5	13.2
Par	40.3	00.11	59.42	2,1	40.3	01.1	56.3	N 7 Y	64.0	14.42	13.99	5	67.3	17.6	13.1
6 Y	50.0	00.14	59.57	3	50.0	01.3	57.3	Bru	70.9	14.38	14.03	5,3	69.5	17.7	13.5
Par	61.8	00.04	59.60	4,3	61.3	59.9	56.8	9 Y	72.0	14.41	14.08	3	74.6	17.8	14.3
Bru	64.3	00.01	59.60	4,3	65.9	59.2	56.5	B	78.3	14.36	14.10	3	78.3	15.7	12.7
Gl ₁	66.0	59.98	59.59	5,3	69.2	59.8	57.3	10 Y	80.0	14.20	13.96	4,5	80.0	16.6	13.8
Par	70.6	59.92	59.58	3,2	70.7	58.6	56.3	Ci	95.3	14.01	13.95	3	95.3	14.0	13.3
Ber	80.3	59.80	59.57	2	80.3	58.5	56.9								
Ci	95.3	59.70	59.65	3	95.3	57.8	57.4	792							
778								L	97.2	10.04		1	97.2	43.5	48.6
P	97.2	03.48	59.93	7	97.2	23.4	17.5	W A	50.1	10.16		1	50.1	46.6	49.1
Cap	40.1	01.46	59.39	3,2	40.1	22.2	18.8	Par	60.3	10.54		2	60.3	48.0	50.0
Cap	52.3	01.03	59.39	2	51.2	21.6	18.8	Cor	77.2	10.38		4	77.2	47.0	48.1
Bru	66.5	00.77	59.61	5	66.0	20.5	18.6	Par	79.2	10.40		1	79.2	50.1	51.1
Y	67.3	00.55	59.42	2	72.3	18.5	16.9	R ₃	91.3	10.34		3	91.3	48.9	49.3
Cor	75.3	00.48	59.63	4	75.3	20.8	19.4	Ci	96.3	10.31		3	96.3	48.9	49.1
Cap	78.2	00.40	59.65	3	78.2	20.5	19.2	796							
R ₃	86.9	00.12	59.67	3,5	84.4	20.7	19.8	L	01.7	36.60	34.14	1	01.7	16.7	07.8
Ci	97.3	59.75	59.66	3	97.3	18.3	18.1	W A	50.2	35.27	34.02	1	50.2	10.6	06.1
781								Tac	67.3	34.96	34.14	1	67.3	11.8	08.8
L	90.3	47.96		1	90.3	53.7	37.2	Cor	79.3	34.67	34.15	3	79.3	09.9	08.0
O A	43.2	48.23*		1	43.2	43.2	34.7	Ci	95.6	34.22	34.11	4	95.6	07.5	07.1
Par	73.5	48.37		4,3	72.9	39.2	35.1	797							
B	76.6	48.25		3	76.6	39.1	35.6	L	94.3	21.87	23.35	1	94.3	21.2*	09.6
Ci	96.8	48.27		2	96.8	37.2	36.7	W B	32.3	22.69	23.64	1	32.3	16.3	08.8
		O A + 1s						Par	76.6	23.11	23.44	3	76.6	12.1	09.5
782								Cb	80.3	23.20	23.48	4	80.3	10.3	08.1
Br.	56.3	48.85	48.15	2,3	56.9	11.4	57.8	Ci	96.3	23.36	23.41	3	96.3	09.7	09.3
L	94.6	48.51	48.00	3	94.6	08.2	58.2							L + 10''	
P	03.0	48.64	48.16	6	03.0	05.9	56.7	802							
Arm.	52.3	48.98	48.75	1,4	52.3	02.2	57.7	W B	30.8	43.26	41.81	2	30.8	02.5	06.7
Pu	55.0	48.42	48.20	4,5	55.0	01.8	57.5	Leid	73.2	42.36	41.79	2	73.2	05.0	06.6
R ₂	57.9	48.35	48.14	6,3	59.6	59.8	56.0	Ci	97.3	41.84	41.78	3	97.3	06.4	06.6
Par	63.2	48.34	48.16	3,2	63.2	01.5	58.0	807							
N 7 Y	64.0	48.35	48.17	3,4	64.0	01.5	58.1	D'A	83.3	26.11	24.45	2	83.3	26.4	
Bru	69.5	48.39	48.24	4,3	69.2	00.7	57.8	L	93.3	25.48	23.96	1	93.3	27.7	
Cb	80.3	48.25	48.15	3	80.3	59.9	58.0	G	09.3	25.08	23.79		09.3	24.4	
Ci	95.8	48.15	48.13	4	95.8	58.0	57.6	W B	29.3	25.26	24.26	1	29.3	26.2	
784								Rü	36.0	24.83	23.92	4	36.0	24.8	
L	94.2	06.53		1	94.2	08.8	59.5	Arm	45.3	24.65	23.87	3,5	48.6	23.2	
W B	31.2	06.63		1	31.2	05.4	59.3	Pu	46.0	24.58	23.81	5	46.0	24.9	
Par	67.2	06.54		1	67.2	02.5	59.6	R ₁	46.0	24.75	23.98	4,6	46.3	24.2	
Lund	80.2	06.66		2	80.2	02.1	00.4	7 Y	59.2	24.49	23.91	3	59.2	24.8	
Par	80.3	06.72		2	80.2	02.0	00.3	Y	60.3	24.51	23.95	2	54.3	24.1	
Ci	95.3	06.62		3	95.3	59.8	59.4	Bru	70.3	24.40	23.98	4	68.3	24.1	
785								B	72.8	24.40	24.01	2	72.8	24.3	
Ma	56.2	05.22	02.49	1	56.2	25.0	21.4	10 Y	79.6	24.24	23.95	3	79.6	24.7	
L	98.8	04.68	02.76	2	98.8	24.6	22.1	Ci	96.3	24.00	23.95	3	96.3	25.5	
P	04.6	03.89	02.08	7,6	03.8	23.7	21.3	809							
W B	23.2	03.95	02.49	1	23.2	24.6	22.7	L	98.2	10.66	11.27	1	98.2	23.4	35.1
Bru	66.5	03.05	02.41	4	67.5	20.5	19.7	W B	24.0	11.08	11.53	1	24.0	26.7	35.4
Par	71.9	02.93	02.40	6	71.9	21.8	21.1	Par	41.2	11.00	11.35	1,0			
Ci	95.1	02.56	02.46	4	95.1	21.8	21.7	Si	45.3	10.84	11.17		45.3	26.5	32.8
786								Par	58.1	11.17	11.42	1	58.1	28.7	33.5
W B	24.3	04.24	04.16	1	24.3	41.2	49.8	Sj	63.3	11.06	11.28	1	63.3	28.7	32.9
Par	61.3	04.35	04.31	1	61.3	45.4	49.8	Arm ₂	68.2	11.02	11.21	1	68.2	30.5	34.2
Mü	65.3	04.25	04.22	1	65.3	47.0	51.0	Mü	69.3	11.20	11.38	6	69.3	28.8	32.3
R ₃	92.2	04.18	04.17	3	92.2	49.5	50.4	Gl ₁	74.8	11.11	11.26	3	78.2	32.0	34.5
Ci	97.3	04.20	04.20	3	97.3	49.3	49.6	Cor	80.3	11.17	11.29	3	80.3	31.9	34.2
								Par	81.2	11.07	11.18	2	81.2	33.2	35.4
								R ₃	90.0	11.24	11.30	3	90.0	34.6	35.7
								Ci	95.3	11.27	11.30	3	95.3	34.2	34.7

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
811		s	s			//	//	825		s	s			//	//
P M	30.8	52.30	52.51	2	30.8	44.1	30.3	Br	56.0	33.89	32.59	9,3	54.3	10.1	02.4
Cb	79.6	52.36	52.42	6	79.6	34.0	29.9	P	00.2	33.29	32.39	10	00.2	06.8	01.5
Ci	96.8	52.49	52.50	2	96.8	31.2	30.6	Abo	30.0	33.08	32.45	8	30.0	06.0	02.3
812								Par	41.3	33.07	32.54	10,11	42.4	05.2	02.1
Br	60.1	13.51	12.39	2,1	60.1	49.7*	38.5	Pu	55.0	32.91	32.50	4	55.0	06.2	03.8
L	97.2	12.53	11.71	1	97.2	45.4*	37.2	Par	63.7	32.85	32.52	17,1	63.2	05.6	03.7
Par	50.2	12.43	12.03	1,0				N 7 Y	64.0	32.85	32.53	4,5	64.0	04.6	02.7
W A	50.2	12.33	11.93	1	50.2	42.4	38.4	Par	74.7	32.68	32.45	7,6	74.9	04.1	02.8
Cap				0,1	50.4	40.1	36.2	Rmg	75.0	32.68	32.46	8	75.0	04.1	02.8
Par	55.3	12.51	12.15	1	55.3	40.8	37.2	Cb	81.3	32.55	32.38	2	81.3	03.8	02.8
R ₂	55.9	12.48	12.13	5	57.0	39.5	36.1	Ci	95.8	32.53	32.49	2	95.8	02.3	02.1
Y	59.2	12.40	12.07	2	66.3	38.6	35.9	826							
N 7 Y	64.5	12.43	12.15	8	64.5	39.1	36.3	L	97.2	46.13	46.68	1	97.2	04.7	17.1
Bru	67.2	12.48	12.22	10,5	61.3	39.8	36.7	W A	50.7	46.42	46.67	2	50.7	13.9	19.8
Cor	77.4	12.29	12.11	4	77.4	39.7	37.9	Par	60.2	46.36	46.56	1	60.2	15.1	19.9
Cap	79.2	12.26	12.09	2	79.2	39.7	38.0	Par	79.7	46.66	46.76	2	79.7	15.4	17.8
R ₃	90.0	12.23	12.15	3	90.0	38.1	37.3	Dun	83.5	46.64	46.72	4	83.5	15.4	17.4
Ci	97.3	12.12	12.10	3	97.3	37.1	36.9	Ci	96.3	46.64	46.66	3	96.3	17.1	17.5
814						Br — 10''		827							
D'A	84.0	51.27		3	84.0	33.3	23.7	L	94.3	57.89		1	94.3	55.4	45.4
L	96.3	51.66		1	96.3	31.5	22.9	W B	27.3	58.04		2	27.3	51.7	44.8
P	97.9	51.53		9	97.9	32.1	23.6	Par	62.5	58.01		4	61.5	47.5	43.8
W B	22.3	51.95		1	22.3	30.3	23.8	Par	70.3	58.00		1,0			
R ₂	56.7	51.55		5,6	57.1	26.3	22.7	Cb	84.3	57.94		3	84.3	46.2	44.7
Mü	59.3	51.92		1	59.3	27.2	23.8	Ci	97.3	57.93		3	97.3	45.6	45.3
Par	59.6	51.62		3,1	56.2	26.7	23.1	831							
Sj	62.2	51.49		1	62.2	27.3	24.2	L	97.2	07.18*	05.33	1	97.2	31.7	34.3
Bru	65.2	51.52		5,6	66.4	25.7	22.9	B	53.2	06.46	05.62	1	53.2	35.5	36.7
Par	70.2	51.40		1	70.2	24.6	22.1	Kön	60.3	06.28	05.57	2	60.3	33.4	34.4
Ci	95.3	51.54		3	95.3	23.7	23.3	B	64.2	06.21	05.57	4	64.2	34.5	35.4
816								Bru	73.9	05.79	05.32	5,3	71.6	35.3	36.0
L	95.3	18.00	15.91	1	95.3	39.9	27.9	Rmg	75.0	05.65	05.20	3	75.0	35.6	36.2
W B	29.2	17.31	15.89	1	29.2	32.0	23.9	Ci	89.8	05.65	05.47	4,5	89.8	35.1	35.4
R	68.2	16.52	15.88	1	68.3	28.8	25.2	Ci	96.8	05.56	05.50	2	96.8	34.8	34.9
Par	72.0	16.38	15.82	3,1	70.3	30.7	27.3	832							
Ber	80.2	16.21	15.81	3	80.2	29.4	27.1	Br	56.2	09.02	07.61	9,4	55.5	30.4	22.0
Gl ₂	92.0	16.03	15.85	3,2	92.0	26.6	25.7	P	02.1	08.53	07.57	7	02.1	27.4	21.7
Ci	95.3	16.02	15.93	3	95.3	27.9	27.4	Wr	33.0	08.20	07.54	6,0			
817								Rü	36.0	08.00	07.37	3	36.0	24.7	21.0
L	96.2	24.35	25.08	1	96.2	39.1	32.9	Arm	37.8	08.22	07.61	2	53.7	24.4	21.7
Par	59.7	24.68	24.96	2,1	61.2	35.5	33.2	12 Y	40.0	08.16	07.57	1,9	40.0	24.7	21.2
Par	77.5	24.93	25.09	4	77.5	34.5	33.2	Par	47.5	08.09	07.58	5,2	43.7	24.0	20.7
Ci	96.3	24.99	25.02	3	96.3	33.5	33.3	6 Y	50.0	08.04	07.55	6,11	50.0	24.5	21.6
822								Par	54.6	07.97	07.52	5	54.6	25.3	22.7
Br	56.9	11.67	07.62	2,9	52.2	35.9	25.4	Pu	55.0	07.96	07.52	4	55.0	24.1	21.5
F	90.2	10.44	07.33	2	90.2	34.0	26.2	7 Y	60.0	07.88	07.49	3	60.0	23.6	21.3
P	05.6	10.69	08.02	7	05.6	32.9	26.2	R ₂	60.0	07.97	07.58	5,7	60.0	23.9	21.6
G	09.0	09.82	07.24		09.0	31.2	24.7	Y	71.3	07.82	07.54	4,3	64.0	22.7	20.6
Arm	42.7	09.22	07.60	5	42.1	29.0	24.9	9 Y	72.0	07.79	07.52	7	72.0	23.7	22.1
R ₁	43.2	09.29	07.68	4,7	45.0	29.5	25.6	10 Y	80.0	07.82	07.62	3,6	80.0	22.9	21.7
12 Y				0,4	45.0	28.6	24.7	Ci	95.8	07.66	07.62	2	95.8	22.1	21.9
6 Y	49.3	09.18	07.74	3,0				833							
Pu	55.0	08.91	07.64	4	55.0	28.5	25.3	L	96.3	21.27	20.85	1	96.3	03.2	49.7
7 Y	60.0	08.72	07.59	1,5	60.0	28.2	25.4	W B	22.3	20.91	20.60	2	22.3	03.1	53.0
R ₂	60.0	09.05	07.92	3,2	60.0	28.9	26.1	Mü	45.3	20.65	20.43	1	45.3	56.7	49.6
Y	63.0	08.54	07.49	3,8	69.1	27.6	25.4	Par	72.3	20.87	20.76	3,2	72.3	53.4	49.8
N 7 Y	65.3	08.59	07.61	3,8	64.0	27.2	24.6	Ci	96.3	20.75	20.74	3	96.3	52.9	52.4
9 Y	72.8	08.34	07.57	5,6	72.0	27.8	25.8	834							
10 Y	80.0	08.22	07.65	6,7	80.0	26.8	25.4	L	96.8	04.02	02.99	2	96.8	08.1	
Ci	97.3	07.62	07.55	3	97.3	25.3	25.1	W B	29.8	03.90	03.20	2	29.8	11.1	
								Par	58.3	03.42	03.00	1,2	58.3	10.7	
								Ber	80.2	03.23	03.03	3	80.2	10.1	
								Par	80.3	03.14	02.94	1,2	80.2	09.5	
								Ci	96.8	03.14	03.11	2	96.8	10.9	

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
838		s	s			//	//	860		s	s			//	//
F	90.1	32.72	32.03	I	90.1	15.1	07.7	Br	58.1	33.45	33.97	5.3	55.6	08.3	24.9
P	07.7	32.77	32.19	9,10	07.7	13.6	07.4	P	99.8	33.47	33.84	13,14	99.8	13.0	24.5
G	11.3	32.67	32.11		11.3	14.6	08.7	Cap	40.2	33.71	33.93	3	40.3	19.4	26.3
Arm	45.3	32.60	32.26	5	44.9	11.9	08.2	W A	50.2	33.59	33.77	I	50.2	20.5	26.2
R ₁	46.8	32.64	32.31	4	42.7	11.0	07.2	Cap	52.4	33.76	33.94	1,2	51.3	19.3	24.9
Pu	55.0	32.49	32.21	5	55.0	10.8	07.8	R ₂	56.1	33.73	33.89	5,4	56.1	21.2	26.2
9 Y	69.8	32.49	32.30	10	69.8	09.7	07.7	Bru	63.3	33.78	33.92	2	63.7	21.6	25.8
Harv	79.8	32.35	32.22	4	79.8	10.0	08.6	N 7 Y	64.0	33.74	33.87	3	64.0	21.6	25.7
10 Y	84.8	32.43	32.33	8	84.6	09.3	08.3	Y	64.0	33.74	33.87	7,4	70.4	23.5	26.9
Ci	96.3	32.20	32.18	3	96.3	08.1	07.9	Cor	75.0	33.74	33.83	5	75.0	23.5	26.4
								Cap	78.3	33.85	33.93	3	78.3	22.5	25.0
								Ci	97.3	33.90	33.91	3	97.3	24.5	24.8
844								861							
L	95.3	07.52	07.61	I	95.3	28.4	11.6	L	96.3	08.03		I	96.3	27.2	39.1
W B	26.2	07.51	07.58	I	26.2	20.6	08.8	P	03.7	08.08		5,6	04.5	30.1	41.1
Par	59.3	07.49	07.53	2	59.3	16.8	10.3	W B	23.3	07.88		I	23.3	28.2	37.0
Par	70.3	07.57	07.60	2,1	70.3	14.6	09.8	Arm	31.3	07.43		1,5	52.8	36.2	41.6
Ber	80.5	07.54	07.56	3	80.5	13.6	10.5	R ₂	55.1	07.67		5,4	56.3	36.0	41.0
Ci	97.3	07.61	07.61	3	97.3	10.7	10.3	Par	61.3	07.59		1,2	59.8	35.8	40.4
								Bru	63.6	07.70		3,5	69.1	36.7	40.3
								Y	64.3	07.71		2	68.2	37.8	41.5
								Gl ₁	73.0	07.58		4	76.1	37.0	39.8
								Cor	78.3	07.67		9,8	78.3	37.6	40.3
								Cap	79.2	07.62		2	79.2	37.8	40.2
								R ₃	90.0	07.75		3	90.0	38.7	39.8
								Ci	96.3	07.71		3	96.3	39.0	39.4
845								862							
L	97.2	13.90*	15.03	I	97.2	32.5	54.1	L	98.2	15.35	14.69	I	98.2	33.6	44.8
W A	50.2	14.62	15.17	I	50.2	48.4	58.9	W B	24.3	15.06	14.57	I	24.3	36.7	45.0
Par	55.3	14.75	15.24	I	55.3	44.8	54.2	Si	45.3	15.26	14.90		45.3	42.1	48.1
Par	79.3	14.82	15.05	I	79.3	51.5	55.8	Mü	57.0	15.10	14.82	3	57.0	39.4	44.1
R ₃	90.0	15.12	15.23	3	90.0	53.0	55.1	Par	61.3	15.05	14.80	1,2	60.3	39.4	43.8
Ci	96.8	15.06	15.10	2	96.8	53.1	53.8	Cor	77.4	14.89	14.74	4	77.4	42.3	44.8
		L — 1 ^s						Par	80.2	14.87	14.74	2	80.2	42.2	44.4
847								10 Y	85.5	14.85	14.76	3	85.5	43.3	44.9
L	93.4	32.38		2	93.4	48.5	39.3	R ₃	90.2	14.83	14.77	3	90.2	43.5	44.6
P	07.2	32.26		10,6	11.9	46.1	38.5	Ci	96.3	14.74	14.72	3	96.3	44.3	44.7
G	10.3	32.41			10.3	47.5	39.8								
W B	29.3	32.14		I	29.3	48.0	41.9								
Rü	36.0	32.38		2	36.0	46.0	40.5								
Arm	48.3	32.31		2,3	49.6	43.5	39.2								
R ₁	48.6	32.30		5,4	43.7	44.5	39.7								
Gl ₁	64.2	32.22		6,4	70.3	40.8	38.2								
B	72.8	32.18		2	72.8	42.3	40.0								
Ci	96.3	32.27		3	96.3	40.2	39.9								
851								866							
P	00.7	02.56*	03.26	7	00.7	48.0	00.9	W B	27.3	13.58	14.45	2	27.3	03.9	40.6
Cap	36.7	02.98	03.42	9,13	37.3	53.9	02.1	Ber	70.2	14.06	14.42	4	70.2	50.0	40.5
Cap	60.3	03.18	03.46	5	60.3	56.3	01.5	Ber	93.2	14.39	14.47		93.2	42.9	40.7
Y	64.5	03.19	03.44	4,3	72.0	59.4	03.0	Ci	97.8	14.43	14.46	2	97.8	41.0	40.3
Cor	74.4	03.33	03.51	5	74.4	58.5	01.8								
Cap	80.0	03.30	03.44	3	80.0	59.2	01.8								
Mel ₂	80.0	03.28	03.43	4	80.0	59.7	02.3								
Ci	97.3	03.37	03.39	3	97.3	01.8	02.1								
		P — 1 ^s						867							
856								Br	55.9	52.15	48.15	5,4	56.0	03.8	54.2
Br	56.3	15.33	14.25	8,3	54.3	59.0	56.2	P	02.6	50.86	48.15	15,9	01.9	04.8	58.2
P	03.5	15.23	14.51	5	03.5	58.0	56.2	Abo	30.0	50.03	48.08	9	30.0	58.9	54.4
G	10.3	15.12	14.45		10.3	59.0	57.3	Cap	30.2	50.06	48.12	3,0			
Arm	40.5	14.64	14.19	5	40.3	58.3	57.2	Arm	32.6	49.96	48.08	3,5	46.5	58.6	55.0
R ₁	45.3	14.64	14.23	3,5	47.9	58.8	57.8	Rü	43.0	49.61	48.03	3	43.0	57.2	53.4
Pu	55.0	14.69	14.35	4	55.0	57.4	56.5	Par	44.2	49.64	48.09	11,6	40.0	58.5	54.5
N 7 Y	64.0	14.53	14.26	6	64.0	57.6	56.9	12 Y	45.0	49.66	48.13	5	45.0	58.9	55.2
Rmg	75.0	14.48	14.29	4	75.0	57.6	57.1	Pu	55.0	49.39	48.14	4	55.0	57.7	54.7
B	82.2	14.36	14.23	3	82.2	56.3	56.0	7 Y	60.0	49.16	48.05	6,5	60.0	57.3	54.6
Ci	96.3	14.38	14.35	3	96.3	56.9	56.8	N 7 Y	64.0	49.07	48.07	4	64.0	56.7	54.3
								Rmg	75.0	48.79	48.10	8	75.0	55.9	54.2
								10 Y	80.0	48.71	48.15	10	80.0	55.1	53.8
								Par	80.2	48.69	48.14	6	80.2	56.0	54.7
								Ci	96.3	48.26	48.16	3	96.3	54.7	54.5
859								868							
L	96.3	39.52*	37.55	I	96.3	05.7	52.4	L	94.3	11.54	09.85	I	94.3	34.8	38.4
W B	31.3	38.93	37.63	I	31.3	01.9	53.1	W B	28.3	10.92	09.77	2	28.3	34.0	36.4
Par	73.2	38.02	37.51	3	73.2	55.5	52.1	Par				0,1	49.3	36.5	38.2
Ber	80.5	37.91	37.54	3	80.5	54.8	52.3	Ber	80.2	10.09	09.77	2	80.2	37.2	37.9
Ci	96.3	37.70	37.63	3	96.3	53.4	52.9	Ci	97.3	09.90	09.86	3	97.3	37.8	37.9
		L + 1 ^s													

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
870		s	s			//	//	889		s	s			//	//
L	01.3	12.77	09.05	1	01.3	33.5	48.6	L	96.3	36.51	35.27	1	96.3	29.8	21.6
W A	51.8	11.03	09.21	2	51.8	40.2	47.6	P M	29.8	36.02	35.18	4	29.8	32.3	26.7
Cor	76.0	09.95	09.05	5	76.0	44.3	48.1	W B	31.3	36.07	35.25	1	31.3	30.7	25.2
Cap	78.3	10.06	09.24	3	78.3	44.5	47.8	Rü	36.0	35.44	34.67	1	36.0	27.3	22.2
Ci	95.1	09.25	09.06	3	95.1	47.7	48.5	Par	61.0	35.58	35.11	4	62.0	29.7	26.7
								Ber	70.1	35.52	35.16	3	70.1	28.6	26.2
								Rmg	75.5	35.53	35.24	5	75.5	28.0	26.0
								Ber	93.2	35.28	35.20		93.2	27.4	26.9
								Ci	98.0	35.25	35.23	3	98.0	26.2	26.0
871								890							
L	98.3	24.49	23.95	1	98.3	00.3	48.1	L	98.8	02.20	01.69	2	98.8	46.5	32.8
P	05.2	24.15	23.65	6	05.2	00.6	49.2	W B	23.3	01.74	01.36	1	23.3	42.5	32.1
W B	29.2	24.13*	23.75	1	29.2	00.0	51.5	Par	59.2	01.95	01.75	1	59.3	39.7	34.2
Par	58.2	24.16	23.94	1	58.2	53.6	48.6	Sj	62.3	01.89	01.70	1	62.3	38.6	33.5
Bru	64.9	23.90	23.71	3	66.0	52.5	48.4	Par	79.3	01.81	01.71	1	79.3	34.6	31.8
Ber	70.2	23.83	23.67	4	70.1	52.0	48.4	Alb	80.3	01.73	01.63	3,2	80.3	36.4	33.7
Par	72.2	24.14	23.99	1	72.2	53.2	49.9	Ci	95.3	01.70	01.68	3	95.3	33.3	32.7
Ci	92.5	23.79	23.75	3	92.5	49.5	48.6								
Ci	95.8	23.79	23.77	2	95.8	50.5	50.0								
		W B +10s													
874								891							
W B	23.3	32.58	32.81	2	23.3	42.8	34.4	D'A	83.9	16.29	15.21	4	83.9	27.6	
Rü	36.0	32.33	32.52	4	36.0	35.8	28.8	L	93.3	15.92	14.93	1	93.3	25.4	
Mü	59.3	32.82	32.94	1	59.3	34.0	29.5	G	11.3	16.01	15.19	5	11.3	24.3	
Sj	62.2	32.39	32.50	1	62.2	36.7	32.5	W B	31.2	16.03	15.39	1	31.2	26.7*	
Gl ₁	74.3	32.57	32.65	4	73.8	35.1	32.2	Rü	36.0	15.72	15.12	1	36.0	25.8	
Kön	81.0	32.73	32.79	3	81.0	34.1	32.0	R ₁	45.9	15.64	15.14	5	47.1	25.9	
Gl ₂	90.0	32.53	32.56	4	90.7	32.9	31.9	B	69.7	15.50	15.22	2	69.7	24.9	
Ci	95.3	32.67	32.68	3	95.3	32.4	31.9	Par	81.3	15.26	15.09	3,2	81.3	26.2	
								Ci	96.3	15.24	15.21	3	96.3	25.7	
876														W B -10''	
L	96.3	01.68	01.78	1	96.3	25.4	41.0	892							
W B	23.3	01.89	01.97	1	23.3	31.9	43.4	D'A	83.4	16.49	15.27	1	83.4	13.1	
Mü	45.5	01.72	01.77	11	45.5	35.5	43.7	L	98.3	15.99	14.92	1	98.3	08.6	
Par	61.6	01.80	01.84	3,4	60.2	36.7	42.7	Rü	36.0	15.49	14.82	9	36.0	07.2	
Bru	67.5	01.91	01.94	4,5	69.3	37.3	41.9	Arm	48.3	15.51	14.97	5	44.5	10.0	
Göt ₁	68.3	01.81	01.84	2	68.3	36.8	41.6	Y	60.3	15.35	14.93	2	64.3	08.6	
Par	76.3	01.87	01.89	1	76.3	39.6	43.2	Bru	65.1	15.33	14.96	4	68.8	07.9	
Gl ₁	76.5	01.90	01.92	3,4	78.7	39.9	43.1	N 7 Y	67.3	15.27	14.93	5	67.3	08.9	
Ci	95.8	01.86	01.86	2	95.8	41.5	42.1	9 Y	73.6	15.22	14.94	3,13	74.1	08.7	
879								Gl ₁	77.1	15.28	15.04	4,3	78.3	08.0	
L	99.7	09.42		2	99.7	50.2	40.4	Arm ₂	78.0	15.21	14.98	4	78.0	09.0	
W B	23.2	09.22		2	23.2	50.4	42.9	10 Y	79.7	15.16	14.95	5,21	80.7	08.0	
Mü	42.5	09.28		4,3	42.3	48.5	42.9	Ci	95.8	15.02	14.98	2	95.8	08.5	
B	56.2	09.50		1	56.2	45.4	41.1								
Par	57.3	09.35		1	57.2	47.0	42.8	894							
Par	80.2	09.32		3	80.2	44.2	42.3	W B	30.8	04.80	02.93	2	30.8	20.5	02.5
Alb	80.3	09.28		3,2	80.2	44.5	42.6	Ber	81.3	03.33	02.82	2	81.3	09.9	05.0
Ci	95.3	09.35		3	95.3	42.3	41.8	Ci	96.8	03.05	02.96	2	96.8	03.2	02.4
887								895							
F	90.2	22.39*	19.86	2	90.2	54.2	41.8	W B	23.3	12.75	11.75	1	23.3	19.8	33.6
G	11.3	22.02	19.98		11.3	51.6	41.6	Göt ₂	59.8	12.30	11.78	2	59.8	24.3	31.5
O A	42.2	21.38	20.05	1	42.2	46.1	39.6	Göt ₁	68.3	12.07	11.66	2	68.3	27.1	32.8
R ₁	44.5	21.44	20.16	5,4	43.5	47.9	41.5	Ci	95.0	11.81	11.75	3	95.0	31.9	32.8
Arm	45.7	21.22	19.97	5	48.7	46.5	40.7	896							
Bru	65.3	20.84	20.04	5,4	66.2	45.3	41.5	W B	24.3	13.32	14.02	2	24.3	24.4	16.8
Harv	74.8	20.58	20.00	4	74.8	44.3	41.5	Rü	36.0	13.20	13.80	2	36.0	17.2	10.8
Ci	97.3	20.10	20.04	3	97.3	42.0	41.7	Sj	62.3	13.56	13.90	1	62.3	16.4	12.6
		F 1858 +1s						Mü	63.3	13.51	13.84	3	63.3	17.9	14.2
888								Gl ₁	71.5	13.61	13.87	4,3	71.2	17.3	14.4
L	01.3	28.31	26.34	2	01.3	09.7	06.7	Gl ₂	90.2	13.89	13.98	3	90.2	15.6	14.6
W A	51.3	27.63	26.66	1	51.3	03.4	01.9	Ci	95.3	13.85	13.89	3	95.3	14.6	14.1
Y	64.3	27.14	26.43	2,3	70.4	07.0	06.1								
Cor	74.4	26.99	26.48	4	74.4	07.3	06.5								
Cap	78.3	26.88	26.45	3	78.3	06.8	06.1								
Ci	97.3	26.47	26.42	3	97.3	06.4	06.3								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
898		s	s			//	//	908		s	s			//	//
Br.				0,3	55.3	23.1		L.	95.2	57.52	56.68	1	95.2	05.2	55.3
D'A	83.3	24.81	23.36	6	83.3	22.9		W B.	27.3	57.44	56.86	2	27.3	07.9	01.1
P.	00.3	24.85	23.61	26,9	01.0	23.2		Rü.	36.0	56.91	56.40	1	36.0	03.1	57.1
Arm	30.2	24.13	23.26	1,2	53.2	22.4		Par	61.3	57.15	56.84	1	61.3	02.0	58.4
Wr ₁	33.0	24.28	23.45	5,0				Ber	70.0	56.92	56.68	4	69.9	02.4	59.6
Par	49.4	24.11	23.48	5,1	53.2	22.3		Wn	73.3	56.93	56.72	2	73.3	59.2	56.7
Pu	55.0	24.03	23.47	4	55.0	22.2		Par	79.3	57.06	56.89	2	79.8	00.8	58.9
7 Y	60.0	24.04	23.54	5,7	60.0	22.8		Ci.	96.3	56.88	56.85	3	96.3	59.8	59.5
9 Y	72.0	23.84	23.49	4,9	72.0	21.7									
Rmg	75.0	23.82	23.51	4	75.0	22.4		912							
10 Y	80.0	23.83	23.58	5,16	80.0	22.4		L.	94.3	08.69		1	94.3	10.5	59.0
Ci.	95.3	23.55	23.49	3	95.3	22.5		W B.	26.3	09.22		1	26.3	06.1	58.0
								Par	74.6	08.47		3	74.6	01.1	58.3
899								Cb	77.0	08.46		9	77.0	01.3	58.8
L.	97.3	27.85	26.21	2	97.3	24.2	15.6	Ci.	96.3	08.52		3	96.4	58.9	58.5
W B.	30.3	27.32	26.20	2	30.3	19.7	13.9								
Par	63.2	26.84	26.25	1,0				913							
Par	70.3	26.62	26.14	2	70.3	17.6	15.1	L.	94.3	22.13		1	94.3	43.0	35.3
Ber	80.5	26.45	26.14	3	80.5	16.5	14.9	W B.	31.3	21.88		1	31.3	41.1	36.1
Ci.	96.3	26.25	26.19	3	96.3	15.3	15.0	P M.	31.3	21.74		1	31.3	39.4	34.4
								Par	72.5	21.83		4	72.5	36.8	34.8
900								Cb	73.6	21.79		3	73.6	37.3	35.4
L.	97.8	54.05	53.03	2	97.8	25.8		Rmg	75.3	21.73		6,5	75.4	37.1	35.3
W B.	26.2	54.24	53.50	1	26.2	21.2		Ber	8.2	21.76		2	80.2	36.1	34.7
Par	63.3	53.59	53.22	1	63.3	29.7		Ci.	95.8	21.82		2	95.8	35.2	34.9
Par	80.3	53.34	53.14	1	80.3	27.1									
Ber	80.5	53.36	53.16	3	80.5	27.3		918							
Ci.	97.3	53.27	53.24	3	97.3	27.1		L.	94.3	47.05		1	94.3	31.6	24.2
								W B.	29.3	47.47		2	29.3	29.4	24.5
901								Par	74.7	47.44		7,6	75.5	25.7	24.0
L.	98.3	13.80	12.74	1	98.3	15.4	12.3	Cb	76.9	47.46		4	76.9	25.1	23.5
W B.	29.8	13.35	12.62	2	29.8	12.3	10.2	Ci.	95.8	47.40		2	95.8	25.1	24.8
Rü.	36.0	13.13	12.46	3	36.0	13.4	11.5								
Y	60.0	13.01	12.59	5,2	62.8	13.2	12.1	920							
Par	75.6	12.85	12.60	3	75.6	12.3	11.6	L.	95.3	19.89	19.05	1	95.3	47.2	56.0
Ber	80.5	12.80	12.60	3	80.5	12.7	12.1	W B.	24.2	19.14	18.53	1	24.2	48.7	55.1
Ci.	97.3	12.66	12.63	3	97.3	12.0	11.9	Mü	60.1	19.10	18.78	4	60.1	51.4	54.7
								Par	75.3	19.00	18.80	3	75.3	53.8	55.9
902								Ci.	95.3	18.93	18.89	3	95.3	54.9	55.3
L.	94.3	48.30	47.88	1	94.3	41.6	25.7								
W B.	28.6	48.05	47.76	3	28.6	35.8	25.1	921							
Ber	80.2	47.82	47.74	2	80.2	28.7	25.7	L.	96.3	28.41	26.99	1	96.3	34.2	40.7
Ci.	97.3	47.85	47.84	3	97.3	25.7	25.3	Mü	44.3	27.86	27.10	1	44.3	37.5	41.0
								W A.	51.3	27.57	26.90	1	51.3	35.6	38.7
905								B.	53.2	27.53	26.89	1	53.2	38.0	41.0
L.	94.3	54.10	52.38	1	94.3	23.4	28.7	Par	56.2	27.58	26.98	1	58.2	36.6	39.2
W B.	26.2	53.54	52.34	1	26.2	27.5	31.2	Par	79.3	27.29	27.00	1	79.3	38.8	40.1
B.	57.3	52.93	52.23	1	57.3	30.3	32.4	R ₃	88.0	27.18	27.02	3	88.0	40.5	41.3
Par	63.3	52.89	52.29	1	63.3	27.9	29.7	Ci.	95.8	27.07	27.01	2	95.8	40.0	40.3
Par	80.3	52.77	52.45	1	80.3	29.8	30.8								
Ber	80.5	52.65	52.33	3	80.5	28.6	29.6	922							
Ci.	95.3	52.44	52.36	3	95.3	29.0	29.2	Br.	55.7	03.13	00.89	4,6	53.6	55.3	47.5
								P.	02.1	02.71	01.19	10,6	02.1	51.9	46.7
907								G.	09.3	02.07	00.66		09.3	49.9	45.1
Br	55.9	42.04	41.19	3,4	54.2	11.1	14.9	Arm	39.9	01.77	00.84	5	40.3	50.5	47.3
P.	04.4	41.95	41.39	10,9	05.0	11.9	14.4	12 Y	45.0	01.69	00.83	3,8	45.0	50.0	47.1
G.	09.3	41.34	40.81		09.3	12.8	15.2	Par	48.0	01.69	00.88	4,1	53.2	49.7	47.2
R ₁	47.0	41.40	41.09	4,3	44.9	12.9	14.3	Par	49.3	01.68	00.88	9,5	45.9	49.3	46.4
Pu	55.0	41.41	41.14	4	55.0	13.9	15.0	R ₁	55.0	01.63	00.93	4	55.0	49.2	46.8
N 7 Y	67.3	41.31	41.12	4	67.3	13.6	14.4	R ₂	60.0	01.54	00.92	5	60.0	48.4	46.3
Par	73.3	41.26	41.10	3	73.3	14.0	14.7	Beck	75.0	01.41	01.02	4	75.0	48.6	47.3
Rmg	75.0	41.22	41.07	4	75.0	14.4	15.0	10 Y	80.0	01.30	00.99	4,3	80.0	48.9	47.8
B.	76.2	41.17	41.03	2	76.2	14.5	15.1	Ci.	95.3	00.93	00.86	3	95.3	47.4	47.2
Ci.	96.3	41.18	41.16	3	96.3	14.6	14.7								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
923		s	s			"	"	934		s	s			"	"
Br	56.3	34.58	35.30	8,2	54.3	23.9	05.5	L	96.3	54.94	54.26	1,2	98.8	35.0	23.4
P	00.2	34.84	35.34	11,9	99.8	17.7	05.1	Mü	46.1	54.52	54.17	5	46.1	29.2	23.0
Arm	38.6	34.96	35.27	10,4	49.8	09.7	03.4	Par	57.3	54.39	54.11	1	57.3	28.6	23.7
Par	43.8	34.97	35.25	5,2	37.0	10.8	02.9	Göt ₂	59.8	54.40	54.14	2	59.8	26.5	21.9
Cap	52.3	35.01	35.25	3,1	50.6	10.9	04.6	Ber	62.3	54.56	54.31	2	62.3	29.9	25.6
Pu	55.0	35.11	35.33	5	55.0	10.2	04.5	Bru	63.8	54.43	54.20	3,2	62.8	26.3	22.0
R ₂	57.2	35.11	35.32	8,6	57.3	11.0	05.6	Par	68.8	54.40	54.20	2,3	69.3	26.8	23.3
Y	65.7	35.09	35.26	3	54.3	12.7	06.9	Ci	95.8	54.28	54.25	2	95.8	24.1	23.6
N 7 Y	65.9	35.09	35.26	3	65.9	10.2	05.9								
Bru	67.6	35.16	35.32	3	68.3	08.8	04.8	935							
Cor	77.3	35.19	35.30	4	77.3	08.2	05.3	D'A	83.4	16.22	15.70	1	83.4	13.1	07.3
Cap	79.2	35.23	35.33	2	79.2	08.5	05.9	L	96.3	16.39	15.92	1	96.3	15.3	10.1
R ₃	90.0	35.34	35.39	3	90.0	06.2	04.9	W B	23.3	16.18	15.83	1	23.3	17.6	13.8
Ci	97.3	35.31	35.32	3	97.3	05.8	05.5	Göt ₂	58.3	16.01	15.82	1	58.3	13.3	11.2
								Par	58.3	15.79	15.60	1,3	58.3	10.6	08.5
924								Mü	59.7	15.89	15.71	3	59.7	07.8	05.8
L	93.3	42.14	40.97	1	93.3	31.4	13.5	Y	62.8	15.92	15.75	5,2	68.3	07.8	06.2
B	75.8	41.22	40.95	4	75.8	02.3	11.8	Par	72.2	15.64	15.51	1,2	71.3	09.2	07.8
Ci	97.3	41.03	41.00	3	97.3	12.8	13.9	Gl ₁	72.7	15.96	15.84	4	76.0	09.2	08.0
								Arm ₂	77.7	15.90	15.80	5	77.7	08.9	07.8
925								Ci	97.3	15.84	15.83	3	97.3	09.4	09.3
L	98.3	24.54	24.85	1	98.3	21.7	35.1								
P	01.2	25.05	25.35	16,13	00.9	22.6	35.7	936							
W B	24.3	25.26	25.49	1	24.3	23.8	33.8	L	98.8	36.80	35.69	2	98.8	56.9	46.8
Par	38.8	25.07	25.25	4,1	37.2	27.8	36.1	W B	23.3	36.83	35.98	1	23.3	55.2	47.5
Arm	45.8	25.18	25.34	4,2	45.3	26.9	34.1	Mü	50.3	36.35	35.80	2	50.3	53.7	48.7
Mü	64.3	25.33	25.44	1	64.3	30.7	35.4	Göt ₂	58.3	36.36	35.90	1	58.3	54.0	49.8
Bru	69.0	25.18	25.27	4	66.6	30.5	34.9	Par	59.3	36.08	35.63	1	59.3	53.1	49.0
Cor	77.4	25.18	25.25	5	77.4	32.1	35.1	Alb	79.7	35.99	35.76	2	79.7	49.6	47.6
Cap	79.2	25.17	25.23	2	79.2	32.0	34.8	Arm ₂	81.8	36.09	35.89	2	81.8	48.9	47.1
R ₃	90.0	25.34	25.37	3	90.0	33.6	34.9	Ci	96.8	35.73	35.69	2	96.8	47.9	47.6
Ci	96.8	25.30	25.31	2	96.8	34.7	35.1								
								939							
927								L	01.4	17.86*	15.56	1	01.4	09.6*	28.5
L	96.3	05.81	05.91	1	96.3	53.2	59.9	B	53.3	16.78	15.69	1	53.3	19.7	28.7
Mü	44.3	06.04	06.10	1	44.3	55.8	59.4	Y	63.6	16.52	15.67	4,2	64.8	21.7	28.5
W A	51.3	06.10	06.15	2	51.3	57.6	00.8	Cor	74.3	16.37	15.77	4	74.3	23.4	28.3
Par	58.7	05.93	05.97	2,1	59.2	57.3	00.0	Cap	78.3	16.12	15.61	3	78.3	23.9	28.1
Par	79.2	06.00	06.02	1	79.2	59.3	00.7	Ci	95.0	15.75	15.63	3	95.0	28.0	29.0
R ₃	87.0	06.00	06.01	3	87.0	59.2	00.0			L + 2 ^s				L - 10''	
Ci	95.3	06.02	06.02	3	95.3	59.5	59.8	940							
								Br	55.4	51.38	49.63	11,4	54.3	27.6	29.1
928								D'A	84.0	50.44	49.04	3	84.0	31.2	32.4
L	01.4	12.98	10.45	1	01.4	15.4	53.3	P	00.9	50.90	49.70	8	00.9	28.0	29.0
W A	50.4	11.56	10.29	1	50.4	04.1	53.0	Abo	30.0	50.46	49.62	8	30.0	29.4	30.1
Y	62.3	11.32	10.35	2	67.8	57.9	50.7	Arm	31.2	50.33	49.50	1,5	48.5	28.4	28.9
Cor	75.0	11.05	10.41	5	75.0	58.2	52.6	6 Y	50.0	50.12	49.52	1,6	50.0	29.5	30.0
Cap	78.3	10.92	10.36	3	78.3	57.6	52.7	Pu	55.0	50.21	49.67	4	55.0	29.0	29.4
Ci	94.1	10.53	10.38	4	94.1	54.5	53.2	7 Y	60.0	50.09	49.61	7,24	60.0	28.8	29.2
								Par	72.9	49.99	49.66	5,3	73.6	28.3	28.6
930								Rmg	75.0	49.95	49.65	7	75.0	28.9	29.1
Ma	56.3	03.03	00.52	1	56.3	57.4	02.4	10 Y	80.0	49.88	49.64	3,4	80.0	28.7	28.9
L	98.8	01.95	00.18	2	98.8	02.0	05.5	Ci	95.3	49.70	49.64	3	95.3	29.4	29.4
P	05.5	02.03	00.38	11,8	07.3	00.5	03.7								
Arm	38.1	01.54	00.46	8,5	43.9	01.2	03.2	941							
Par	41.2	01.52	00.49	2,0				Br	54.3	31.44	30.07	1,0			
Mü	42.3	01.43	00.42	2	42.3	01.6	03.6	D'A	83.3	30.97	29.87	2	83.3	21.6	25.7
7 Y	54.3	01.31	00.51	2	54.3	01.3	02.9	P	09.4	30.88	30.03	7	09.4	22.2	25.4
Par	57.3	01.12	00.37	2,1	56.3	01.6	03.1	W B	25.8	30.58	29.88	2	25.8	21.0	23.6
R ₂	58.5	01.14	00.41	5,4	59.1	01.3	02.7	Pu	41.6	30.54	29.99	4	41.6	22.6	24.6
Bru	67.7	01.01	00.44	4	68.0	02.1	03.2	Arm	44.3	30.52	29.99	4,5	39.3	22.8	24.9
9 Y	71.3	00.93	00.43	8	71.3	02.6	03.6	R ₂	56.7	30.46	30.05	5,6	57.0	20.3	21.8
Gl ₁	74.2	00.97	00.52	3,4	75.4	02.6	03.5	Y	59.3	30.34	29.96	2	67.8	23.3	24.4
Go	85.8	00.73	00.48	4	85.8	02.9	03.4	Bru	64.3	30.34	30.00	3,4	70.3	21.7	22.7
Ci	96.8	00.53	00.47	2	96.8	03.7	03.8	N 7 Y	66.3	30.26	29.94	3	66.3	22.6	23.8
								Ber	70.2	30.24	29.96	3	70.3	24.0	25.0
931								Par	74.6	30.29	30.05	4,3	75.3	22.6	23.5
L	90.3	03.51	00.61	1	90.3	36.0	42.0	Gl ₁	79.2	30.26	30.06	5,3	78.3	23.1	23.9
O A	42.2	01.54	00.01	1	42.2	40.0	43.2	Ci	97.3	30.03	30.00	3	97.3	24.8	24.9
Chr	54.8	01.20	00.00	1	54.8	41.8	44.3								
B	76.6	01.10	00.48	3	76.6	41.2	42.5								
Par	79.3	00.88	00.33	2	79.3	40.7	41.8								
Ci	96.3	00.59	00.49	3	96.3	42.0	42.2								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
944		s	s			"	"	956		s	s			"	"
W B.	24.3	37.48	36.95	2	24.3	05.1	54.0	L.	95.3	55.72	54.33	1	95.3	35.5	33.4
Mü	45.3	36.95	36.57	1	45.3	03.3	55.3	W B.	23.3	55.02	54.00	1	23.3	38.0	36.5
Göt ₂	58.3	37.08	36.79	1	58.3	02.6	56.5	Si.	43.4	54.99	54.24		43.4	39.0	37.9
Gl ₁	73.5	37.13	36.94	3	74.8	57.9	54.2	Par	44.3	54.97	54.23	1,0			
Gl ₂	89.5	36.92	36.85	4	90.2	56.7	55.3	Mü	50.8	54.81	54.16	2	50.8	36.0	35.0
Ci.	95.3	36.87	36.84	3	95.3	56.0	55.3	Par	58.2	54.71	54.15	1	58.2	35.4	34.6
								Göt ₂	58.3	54.75	54.20	1	58.3	33.7	32.9
945								Gl ₁	71.3	54.64	54.26	2,3	73.6	34.9	34.4
L.	98.8	31.22	30.01	2	98.8	02.1	00.6	Par	76.8	54.45	54.14	4	76.8	36.4	35.9
W B.	22.3	30.97	30.04	1	22.3	07.8	06.6	Cor	77.4	54.54	54.24	4	77.4	34.8	34.4
Mü	42.3	30.72	30.03	2	42.3	00.0	59.1	R ₃	83.3	54.50	54.28	3	83.3	34.7	34.4
Ber	61.0	30.61	30.14		61.0	02.2	01.6	Ci.	96.8	54.29	54.25	2	96.8	34.6	34.5
Alb	79.2	30.28	30.03	2	79.2	01.1	00.8								
Ci.	96.8	30.05	30.01	2	96.8	00.9	00.9								
								957							
946								D'A.	83.8	07.35	05.33	4	83.8	13.8	07.0
L.	96.3	58.82		1	96.3	35.8*	11.2	L.	93.4	08.05	06.20	1	93.4	13.8	07.5
W B.	31.3	58.66		1	31.3	28.8	12.5	G.	11.3	07.58	06.04		11.3	12.8	07.6
Par	60.2	58.71		2,1	62.3	23.8	14.9	R ₁	46.0	06.81	05.87	5,4	43.3	11.0	07.6
Ber	70.1	58.70		3	70.1	20.7	13.6	Pu	46.0	06.90	05.96	4	46.0	10.2	07.0
Par	70.3	58.68		5	70.3	20.1	13.1	Y.	64.9	06.56	05.95	8,2	67.4	08.3	06.4
Ber	93.3	58.73			93.3	14.1	12.5	B.	69.8	06.38	05.85	2	69.8	09.7	07.9
Ci.	95.8	58.72		2	95.8	12.7	11.7	Bru	73.9	06.26	05.81	2,4	73.8	08.9	07.4
						L + 30"		Par	75.1	06.34	05.91	4,3	73.0	09.7	08.1
948								Ci.	97.3	06.01	05.96	3	97.3	07.3	07.1
L.	94.3	33.39	32.60	1	94.3	06.0	53.0								
W B.	26.3	32.93	32.38	1	26.3	01.4	52.3	958							
Leid	72.3	32.72	32.51	2	72.3	56.1	52.7	L.	97.8	26.29	23.20	2	97.8	13.4	22.3
Par	80.0	32.65	32.50	3,2	80.3	55.1	52.7	W B.	29.9	25.47	23.35	2	29.9	14.2	20.3
Ci.	95.8	32.63	32.60	2	95.8	53.4	52.9	Ber	80.2	23.87	23.27	3	80.2	19.3	21.0
								Ci.	96.8	23.35	23.25	2	96.8	21.0	21.3
950															
L.	97.8	45.35	43.82	2	97.8	37.9		961							
W B.	29.9	44.75	43.70	2	29.9	38.1		L.	98.3	26.78		1	98.3	24.1	33.3
Par	62.0	44.20	43.63	3	62.0	35.9		W B.	24.3	26.68		1	24.3	27.5	34.3
Par	78.0	44.05	43.72	3	78.0	36.9		Si.	58.4	26.57		2	58.4	31.0	34.7
Ber	80.2	44.07	43.77	3	80.2	36.3		Par				0,2	59.3	31.5	35.2
Ci.	96.8	43.86	43.81	2	96.8	37.1		Par	80.3	26.71		2	80.3	33.3	35.1
								R ₃	92.3	26.62		3	92.3	33.0	33.7
952								Ci.	96.3	26.74		3	96.3	32.7	33.0
L.	97.2	46.19	45.78	1	97.2	47.4	56.1								
B.	53.2	46.04	45.85	1	53.2	53.7	57.7	965							
Ci.	94.8	45.83	45.81	4	94.8	56.0	56.4	L.	94.3	07.45	06.12	1	94.3	54.7	46.2
								W B.	28.3	07.15	06.25	1	28.3	52.3	46.6
953								Par	69.3	06.57	06.18	2	69.3	48.9	46.5
L.	94.3	52.38	51.59	1	94.3	35.1	30.9	Leid	72.3	06.46	06.11	2	72.3	47.6	45.4
W B.	28.3	52.16	51.62	1	28.3	36.1	33.2	Ci.	95.8	06.25	06.20	2	95.8	47.2	46.9
Leid	72.3	51.68	51.47	2	72.3	31.3	30.2								
Par	81.3	51.42	51.28	2	81.3	29.4	28.8								
Ci.	96.3	51.60	51.57	3	96.3	32.0	31.8	969							
								Ma	57.3	39.82	38.18	1	57.3	11.7	01.7
954								D'A.	84.3	39.38	38.06	2	84.3	10.8	02.7
L.	97.8	13.79	12.46	2	97.8	06.5		L.	96.3	39.31	38.12	2	96.3	09.2	01.9
W B.	32.3	13.50	12.62	1	32.3	06.1		P.	05.5	39.45	38.36	15,18	04.3	06.7	00.0
Par	58.3	12.89	12.35	1	58.3	09.1		Abo.	30.0	38.89	38.09	7	30.0	05.3	00.4
B.	64.3	12.91	12.45	2	64.3	08.9		Kön.	32.5	38.91	38.13	5	32.5	05.0	00.3
Par	70.2	12.91	12.52	1	70.2	09.0		Arm.	39.1	38.87	38.17	6,5	49.1	03.6	00.0
Arm ₂	77.5	12.53	12.24	5,6	75.6	07.4		Par	40.3	38.88	38.19	6,2	40.3	04.7	00.5
Cb	77.5	12.82	12.53	5	77.5	07.7		R ₂	57.3	38.70	38.21	5,4	56.1	02.6	59.5
Ci.	96.3	12.63	12.58	3	96.3	08.6		Par	57.8	38.71	38.22	2,3	58.3	04.6	01.7
								Rmg	75.0	38.44	38.15	10	75.0	02.0	00.3
955								Go	86.8	38.34	38.19	4	86.8	01.5	00.6
L.	98.3	49.03		1	98.3	24.4	38.8	Ci.	95.8	38.29	38.24	2	95.8	01.5	01.2
W B.	24.2	49.68		1	24.2	26.9	37.7								
Par	47.2	49.57		2,0				972							
Par	57.2	49.33		1	57.2	33.3	39.4	L.	94.3	00.27	59.85	1	94.3	35.1	24.5
Göt ₂	58.3	49.43		1	58.3	28.5	34.4	W B.	28.3	59.95	59.66	1	28.3	34.6	27.4
Cor	77.3	49.41		4	77.3	34.4	37.6	Leid	72.3	59.72	59.61	2	72.3	26.9	24.1
Par	79.3	49.45		1	79.3	35.3	38.2	Par	73.3	59.74	59.63	2	73.3	28.0	25.3
R ₃	81.3	49.55		4	81.3	35.4	38.1	Ci.	97.3	59.81	59.80	3	97.3	26.3	26.0
Ci.	96.3	49.44		3	96.3	37.7	38.2								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
973		s	s			"	"	987		s	s			"	"
W B.	31.3	03.70*	02.39	1	31.3	41.4		W B.	27.3	57.94	56.27	2	27.3	01.3	
Ber	71.3	03.02	02.47	2	71.3	45.8		Ber	80.5	56.69	56.24	3	80.5	01.7	
Ber	81.2	02.73	02.37	2	81.2	45.4		Ci.	97.3	56.37	56.31	3	97.3	01.3	
Ber	95.2	02.50	02.41		95.2	45.1		991							
Ci.	98.0	02.43	02.39	3	98.0	44.3		L.	94.3	07.44	06.10	2	94.3	52.7	39.5
		W B + 1 ^s						W B.	28.3	07.16	06.25	1	28.3	51.8	42.8
976								Leid	72.3	06.45	06.10	2	72.3	43.3	39.8
L.	96.4	28.88	29.61	1	96.4	21.0	46.3	Par	74.6	06.44	06.12	4	74.6	44.2	41.0
W A	51.3	29.52	29.86	1	51.3	32.2	44.1	Ci.	97.3	06.20	06.17	3	97.3	41.3	41.0
Tac	67.4	29.28	29.51	1	67.4	38.1	46.0	992							
Y.	70.3	29.35	29.56	3,2	69.3	38.2	45.7	Ma	56.3	09.23	08.04	1	56.3	09.9	50.4
Cor	76.2	29.42	29.59	9	76.2	40.8	46.6	L.	98.3	08.78	07.94	2	98.3	04.6	50.8
R ₃	90.0	29.61	29.68	3	90.0	43.8	46.2	P.	01.3	08.88	08.06	6	01.3	02.8	49.4
Ci.	96.8	29.57	29.59	2	96.8	44.5	45.3	W B.	22.3	08.34	07.70	1	22.3	59.4	48.8
979								Rü	36.0	08.59	08.06	1	36.0	57.0	48.3
W B.	28.6	02.06	02.20	3	28.6	24.3	12.9	Kön.	50.5	08.45	08.04	5	50.5	55.1	48.4
Ber	80.5	02.09	02.13	3	80.5	16.3	13.2	Göt ₂	58.3	08.23	07.88	1	58.3	53.1	47.4
Ci.	97.6	02.19	02.20	4	97.6	13.1	12.7	Mü	58.3	08.46	08.11	1	58.3	55.3	49.6
980								R ₂	58.3	08.21	07.86	6,4	59.3	54.8	49.3
P M.	28.3	08.35	06.54	5	28.3	17.1	15.0	Bru	63.3	08.32	08.02	4	67.8	53.3	48.9
O A.	42.3	08.10	06.65	1	42.3	15.0	13.3	Cor	77.3	08.13	07.94	4	77.3	52.1	49.1
Hamb.	45.0	08.09	06.70	2,1	45.0	18.1	16.5	R ₃	82.3	08.19	08.04	5,6	82.3	52.3	49.9
Krü.	70.2	07.35	06.60	2	70.2	16.1	15.2	Go	86.3	08.15	08.04	4	86.3	51.6	49.7
Rmg	75.3	07.26	06.64	4	75.3	16.9	16.2	Ci.	96.8	08.05	08.02	2	96.8	50.2	49.8
Ci.	96.3	06.69	06.60	3	96.3	15.4	15.3	993							
981								L.	96.3	20.56	20.87	1	96.3	44.6	30.8
Stru	32.2	10.90	09.26	Mic.	32.2	21.2	18.2	W B.	24.2	20.13	20.36	1	24.2	46.0	35.9
O A.	42.3	10.95	09.56	1	42.3	19.3	16.7	P M.	25.3	20.59	20.81	4	25.3	40.0	30.1
Hamb.	45.0	10.66	09.33	2,1	45.0	22.2	19.7	Rü	36.0	20.41	20.60	1	36.0	37.0	28.5
Krü.	70.2	09.90	09.18	2	70.2	19.5	18.2	Par	60.0	20.66	20.78	4	60.3	36.3	31.0
Rmg	76.0	09.85	09.27	4	76.0	20.6	19.5	Bru	67.1	20.60	20.70	4,3	67.0	35.4	31.0
Ci.	96.8	09.46	09.38	2	96.8	18.9	18.8	Gl ₂	91.3	20.67	20.70	2	91.3	31.6	30.4
982								Ci.	95.0	20.76	20.77	3	95.0	30.7	30.0
W B.	29.4	54.04	51.71	1	29.4	38.1	40.9	994							
Ber	71.4	52.57	51.63	1	71.4	37.4	38.5	L.	95.4	01.64	59.92	1	95.4	56.4	00.6
Ber	80.6	52.24	51.60	3	80.6	38.9	39.7	W B.	24.4	01.83	00.59	1	24.4	57.4	00.4
Ber	95.2	51.86	51.70		95.2	40.0	40.2	P M.	27.8	01.33	00.15	4	27.8	57.0	59.9
Ci.	97.8	51.77	51.70	2	97.8	40.3	40.4	Bru	68.3	00.59	00.07	7,5	68.9	57.9	59.1
983								R ₃	84.7	00.29	00.04	3	84.7	59.2	59.8
W B.	29.3	26.70	25.92	1	29.3	55.4	00.4	Ka	85.4	00.21	59.97	2	85.4	59.6	00.2
Ber	70.2	26.04	25.71	3	70.0	57.7	59.8	Ci.	96.8	00.11	00.06	2	96.8	00.2	00.3
Ber	93.3	25.98	25.91		93.3	59.7	00.2	997							
Ci.	97.8	25.97	25.95	2	97.8	00.1	00.2	Br.	55.8	56.49	55.61	3	54.3	22.9	21.4
984								P.	99.8	56.12	55.51	10	99.8	23.2	22.2
Br.	55.8	59.38	57.62	4,3	54.3	41.7	45.4	Arm.	35.0	55.91	55.51	6,5	54.0	21.3	20.8
D'A.	83.8	58.73	57.31	4	83.8	45.2	48.1	Rü	40.0	55.80	55.43	8	40.0	21.9	21.3
P.	02.6	59.12	57.91	9,7	02.4	46.1	48.5	Pu	55.0	55.84	55.57	4	55.0	21.7	21.3
Arm.	32.1	58.35	57.52	5	53.5	44.4	45.6	Par	56.6	55.70	55.43	3	56.6	22.6	22.2
Wr ₁	33.0	58.30	57.48	10,0				7 Y.	59.3	55.79	55.54	5,9	59.3	21.3	20.9
Rü	36.0	58.22	57.44	6	36.0	45.1	46.6	Ber	70.2	55.77	55.59	4	70.2	20.9	20.6
Si.	40.0	58.32	57.59	3	40.0	43.5	45.0	9 Y.	75.0	55.67	55.52	3,4	75.1	20.9	20.7
Pu	55.0	58.13	57.58	4	55.0	45.5	46.6	Ci.	95.8	55.60	55.57	2	95.8	21.8	21.8
N 7 Y.	64.0	58.02	57.58	3	64.0	45.7	46.6	1000							
9 Y.	72.0	57.94	57.60	6	72.0	45.7	46.4	D'A.	83.3	24.07	23.65	1	83.3	40.4	50.4
Ci.	95.8	57.67	57.62	2	95.8	46.7	46.8	P.	98.8	23.86	23.50	10	98.8	41.0	49.7
985								Arm.	31.3	23.38	23.13	2,1	53.1	43.9	47.9
L.	90.3	31.02	28.68	1	90.3	56.2	42.6	Par	41.6	23.73	23.52	3,0			
P M.	23.8	30.09	28.47	6	23.8	53.4	44.0	Cap.	52.4	23.66	23.49	3,1	50.2	44.8	49.1
O A.	42.3	29.68	28.45	1	42.3	52.2	45.1	Mü	52.8	23.64	23.47	2	52.8	48.2	52.3
Harv	71.4	29.35	28.74	2	71.4	46.2	42.7	Bru	64.8	23.69	23.56	4	68.3	46.4	49.1
Rmg	76.1	28.98	28.47	4	76.1	46.7	43.7	9 Y.	75.8	23.63	23.54	2	75.8	47.8	49.9
Ci.	95.0	28.71	28.59	3	95.0	44.5	43.9	Cor	77.2	23.61	23.53	5	77.2	48.2	50.2
								10 Y.	81.9	23.59	23.52	5	81.9	47.1	48.7
								Ci.	95.8	23.51	23.49	2	95.8	49.3	49.7

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1005		s	s			//	//	1019		s	s			//	//
L	94.3	18.60	17.99	1	94.3	51.7	40.0	L	94.3	34.10	32.04	1	94.3	54.9	
Rü	36.0	18.50	18.13	1	36.0	48.4	41.3	W B	28.3	33.60	32.20	1	28.3	02.5	
Pu	41.3	18.48	18.14	4	41.3	45.5	39.0	Par	67.3	33.19	32.55	1,0			
Wr ₂	51.1	18.43	18.15	3,0				Leid	72.4	32.54	32.00	2	72.4	00.5	
Y	66.0	18.27	18.07	3	54.4	43.2	38.1	Par	73.8	32.59	32.08	4,1	75.3	01.9	
Cb	77.3	18.23	18.10	7	77.3	41.2	38.7	Ci	97.3	32.20	32.15	3	97.3	01.0	
Rmg	79.4	18.16	18.04	2	79.4	42.4	40.1								
10 Y	80.0	18.23	18.11	3	80.0	42.9	40.7	1020							
Ci	97.8	18.13	18.12	2	97.8	40.4	40.0	L	95.4	52.77	51.74	1	95.4	35.7	56.8
1007-8								Par	57.4	52.01	51.59	1,2	57.8	48.1	56.6
D'A	85.3	38.98		1	85.3	00.6	44.4	Göt ₂	58.4	52.19	51.78	1	58.4	45.8	54.2
W B	29.3	39.10		2	29.3	53.8	43.8	Ber	74.3	51.92	51.67	2	74.3	51.7	56.9
P M	32.5	39.31		4	32.5	50.7	41.2	Leid	74.3	52.00	51.75	2	74.3	50.5	55.7
Rmg	75.7	39.21		8	75.7	47.0	43.6	Par	75.5	52.04	51.80	5,4	76.3	52.2	57.0
Cb	79.3	39.17		4	79.3	46.2	43.3	Ci	96.8	51.77	51.74	2	96.8	56.1	56.7
Ci	97.8	39.25		2	97.8	43.7	43.4								
1009								1022							
Br	55.6	41.27	39.97	4,3	54.3	30.3	44.6	L	94.3	25.94	22.31	1	94.3	53.3	26.9
P	98.1	40.77	39.85	14,16	98.5	33.2	43.1	W B	28.3	24.81	22.35	1	28.3	50.2	32.3
Abo	30.0	40.54	39.91	8	30.0	37.0	43.9	Leid	72.4	23.21	22.26	2	72.4	35.3	28.4
Arm	41.0	40.52	39.99	3	53.5	39.6	44.2	Par	73.3	23.18	22.26	2	73.3	36.0	29.3
Pu	55.0	40.30	39.90	4	55.0	39.5	43.9	Ci	97.6	22.44	22.36	4	97.6	29.4	28.8
7 Y	60.0	40.23	39.87	4	60.0	39.6	43.5								
9 Y	72.0	40.15	39.90	3,7	72.0	40.0	42.7	1027							
Rmg	75.0	40.02	39.80	2	75.0	40.8	43.3	L	96.3	41.21	39.71	1	96.3	15.7	30.3
10 Y	80.0	40.08	39.90	3,9	80.0	42.1	44.1	Rü	36.0	40.22	39.29	2	36.0	22.7	31.7
Ci	95.8	39.97	39.93	2	95.8	43.8	44.2	B	55.4	40.28	39.63	1	55.4	27.1	33.4
1010								Ber	70.6	39.99	39.56	4,3	70.4	27.2	31.4
L	94.3	04.62	02.90	1	94.3	43.4	57.7	Rmg	78.8	39.80	39.49	4	78.8	28.2	31.2
Arm ₂	72.6	03.22	02.77	3,2	75.8	53.4	56.7	Ber	93.3	39.65	39.55		93.3	30.4	31.3
Par	73.1	03.38	02.94	4,5	73.1	54.7	58.3	Ci	97.1	39.66	39.62	4	97.1	29.8	30.2
Cb	80.4	03.25	02.93	5	80.4	54.7	57.3								
Ci	97.8	02.92	02.88	2	97.8	57.7	58.0	1028							
1011								L	95.4	49.05	47.19	1	95.4	16.6	
Br	55.8	28.73	27.04	4,5	55.3	49.6	40.7	W B	24.3	49.08	47.73	1	24.3	21.8	
D'A	83.3	28.29	26.93	8	83.3	48.9	41.7	Si	45.4	48.38	47.41		45.4	25.4	
P	02.0	27.95	26.81	8,9	01.3	47.4	41.3	Par	57.4	48.02	47.26	1	57.4	24.3	
P M	30.0	27.88	27.06	4	30.0	44.6	40.3	Bru	66.8	48.05	47.46	4,5	67.5	24.4	
Abo	30.0	27.75	26.93	7	30.0	43.7	39.4	Arm ₂	73.1	47.92	47.44	5	73.1	25.3	
Wr ₁	33.0	27.73	26.95	10,0				9 Y	76.4	47.82	47.40	3	76.4	24.7	
Arm	35.9	27.69	26.93	5,4	52.8	42.7	39.8	Cor	77.5	47.77	47.37	4	77.5	25.4	
Pu	55.0	27.52	26.99	4	55.0	43.6	40.8	Par	79.5	47.79	47.43	10,12	79.8	24.6	
R ₂	57.9	27.43	26.94	5,3	56.3	43.8	41.1	10 Y	80.5	47.84	47.49	7	80.5	24.7	
Y	61.3	27.45	27.00	11,3	60.6	42.6	40.2	R ₃	81.6	47.82	47.49	3	81.6	24.4	
N 7 Y	64.0	27.37	26.95	3	64.0	43.5	41.3	Ci	96.8	47.51	47.45	2	96.8	24.5	
Bru	70.0	27.35	27.00	6,4	67.6	42.6	40.6								
Rmg	75.0	27.25	26.96	7	75.0	43.0	41.4	1029							
Ci	95.0	27.00	26.94	3	95.0	41.5	41.2	L	98.8	48.50	47.94	2	98.8	26.6	15.5
1016								W B	23.2	48.41	47.99	1	23.2	25.9	17.4
Br	55.8	53.16	51.89	4,7	55.5	48.2		Mü	52.4	48.42	48.16	2	52.4	19.4	14.2
D'A	83.3	53.04	52.02	4	83.3	47.2		Cb	53.3	48.33	48.07	4,1	53.2	20.2	15.1
G	09.3	52.57	51.77		09.3	45.4		Par	79.3	48.07	47.96	2	79.3	17.3	15.1
P	09.5	52.68	51.88	6	09.5	46.4		Alb	79.8	48.13	48.02	2	79.8	18.0	15.8
R ₁	43.3	52.44	51.94	4,3	45.7	47.5		Ci	97.0	48.03	48.01	2,3	97.0	17.1	16.8
Arm	46.2	52.39	51.92	5	44.1	46.9									
Pu	55.0	52.33	51.93	4	55.0	47.1		1031							
Y	62.2	52.31	51.98	4,7	60.9	47.4		L	98.3	54.57	53.67	2	98.3	59.5	08.1
N 7 Y	66.4	52.18	51.89	3	66.4	47.1		W B	22.3	54.13	53.45	1	22.3	01.5	08.1
B	74.7	52.18	51.96	3	74.7	47.5		Si	43.4	54.17	53.67		43.4	03.9	08.7
Ci	95.8	51.92	51.88	2	95.8	47.1		Mü	58.3	54.17	53.81	1	58.3	04.7	08.2
1018								Par	58.3	54.13	53.77	2,3	58.3	04.8	08.3
L	94.3	29.76	28.94	1	94.3	30.7	19.4	Par	74.3	53.85	53.63	2,1	76.3	05.2	07.2
W B	29.4	29.41	28.86	1	29.4	25.9	18.4	Gl ₂	91.3	53.68	53.60	2,3	91.3	07.4	08.1
Y	59.3	29.11	28.79	2,3	55.3	23.8	19.0	R ₃	91.7	53.81	53.74	3	91.7	08.0	08.7
Par	71.3	29.05	28.83	2	71.3	20.9	17.8	Ci	95.0	53.69	53.65	3	95.0	07.9	08.3
Ber	80.3	29.07	28.92	2	80.3	21.2	19.1								
Ci	96.8	28.94	28.92	2	96.8	19.9	19.6								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1032		s	s			//	//	1050		s	s			//	//
Ma	56.3	58.27	55.53	1	56.3	13.8	19.7	L	95.3	31.04	30.51	1	95.3	28.2	43.3
D'A	83.4	57.16	54.93	1	83.4	19.1	23.9	W B	24.3	31.46	31.07	1	24.3	34.5	45.4
L	95.4	57.33	55.33	1	95.4	18.2	22.5	Rü	36.0	30.72	30.39	1	36.0	34.5	43.7
P	04.2	57.33	55.50	8	04.2	18.1	22.0	Par	59.3	30.86	30.65	4	59.3	36.9	42.8
W B	24.3	57.27	55.82	1	24.3	19.8	22.9	Y	59.8	30.76	30.55	2,3	66.7	37.1	41.9
Arm	31.9	56.45	55.15	2,5	37.9	18.9	21.4	Mü	62.3	30.54	30.35	1	62.3	39.9	45.3
Rü	43.0	56.53	55.44	1	43.0	19.6	21.9	Sj	63.4	30.81	30.62	1	63.4	38.7	44.0
R ₂	59.3	56.23	55.45	4	59.4	20.7	22.4	Ber	85.8	30.63	30.56	2	85.8	40.5	42.5
Bru	60.1	56.19	55.43	3,8	61.2	19.4	21.0	R ₃	88.6	30.61	30.55	3	88.6	43.0	44.7
Cor	77.3	55.80	55.36	4	77.3	19.8	20.7	Ci	97.4	30.57	30.56	3	97.4	43.3	43.7
R ₃	83.4	55.75	55.43	3	83.4	20.6	21.3								
Go	86.3	55.69	55.43	4	86.3	21.0	21.5	1051							
Ci	96.8	55.46	55.40	2	96.8	20.5	20.6	L	96.3	04.22	04.75	1	96.3	55.1	12.6
								W B	26.3	04.14	04.52	1	26.3	40.6	10.4
1034								Ber	70.2	04.40	04.55	4	70.1	24.0	11.7
D'A	83.3	21.18	19.57	3	83.3	22.6	10.8	Par	74.3	04.45	04.58	3,1	75.3	21.1	11.0
L	93.8	20.90	19.44	2	93.8	21.4	10.7	Ber	93.4	04.58	04.61		93.4	14.8	12.1
W B	29.4	20.55	19.58	2	29.4	20.6	13.5	Ci	96.9	04.68	04.70	2	96.9	12.7	11.4
Rü	36.0	20.12	19.24	1	36.0	16.5	10.0								
Par	67.3	20.03	19.58	1	67.3	13.8	10.6	1052							
B	69.8	19.91	19.49	2	69.8	12.8	09.8	L	95.3	12.51	13.66	1	95.3	49.5	06.3
Lund	80.2	19.83	19.56	2	80.2	12.6	10.6	W B	24.3	13.16*	13.99	1	24.3	59.0	11.1
Par	80.3	19.83	19.56	1	80.3	12.4	10.4	Par	75.6	13.59	13.86	4,3	76.6	04.0	07.7
Ci	97.3	19.59	19.55	3	97.3	11.7	11.4	Dun	84.2	13.44	13.61	2	84.2	07.1	09.6
								Ci	97.5	13.68	13.71	3,4	97.5	07.3	07.7
1035								W B + 1 ^s							
L	98.3	35.67	34.06	1	98.3	29.0	21.7	1056							
P	01.1	35.81	34.25	11,8	00.6	27.2	20.0	L	96.3	32.91	32.59	1	96.3	40.5	35.1
W B	23.4	35.17	33.96	1	23.4	28.2	22.7	W B	23.3	33.28	33.04	1	23.3	39.6	35.6
Par	44.3	34.81	33.93	1,0				Si	40.0	32.97	32.78		40.0	37.1	34.0
Mü	56.8	34.62	33.94	2	56.8	28.3	25.2	Mü	50.3	32.97	32.82	2	50.3	36.7	34.1
Par	59.3	34.93	34.29	1,2	58.8	24.2	21.2	Göt ₂	58.3	32.97	32.84	1	58.3	36.5	34.3
Par	79.3	34.47	34.14	1	79.3	22.6	21.1	Bru	67.3	32.86	32.76	3,4	67.1	35.8	34.1
Ci	97.3	34.19	34.15	3	97.3	21.1	20.9	Rmg	78.6	32.80	32.73	4	78.6	36.2	35.1
								Alb	80.3	32.83	32.77	2	80.3	36.2	35.2
1036								Ci	95.6	32.83	32.82	4	95.6	35.1	34.9
L	95.4	26.69	25.52	1	95.4	17.9	21.0	1057							
W B	24.3	26.40	25.55	2	24.3	15.4	17.7	L	01.3	53.56	52.04	2	01.3	27.7	45.6
Pu	43.0	25.98	25.34	4	43.0	18.2	19.9	W B	22.3	52.92	51.73	1	22.3	34.8	48.9
Göt ₂	58.3	25.97	25.50	1	58.3	14.2	15.5	Göt ₂	58.3	52.56	51.92	1	58.3	39.4	47.0
Si	58.4	25.85	25.38	2	58.4	18.6	19.9	Gl ₁	73.9	52.37	51.97	3	74.6	44.5	49.1
Cor	77.3	25.67	25.42	4	77.3	18.5	19.2	Ka	83.3	52.19	51.93	5	83.3	43.0	46.0
R ₃	84.3	25.66	25.49	4	84.3	20.6	21.1	Gl ₂	89.2	51.85	51.68	4,5	88.8	45.3	47.3
io Y	84.8	25.61	25.44	4	84.8	19.0	19.5	Ci	95.6	51.98	51.91	4	95.6	45.5	46.3
Ci	96.8	25.50	25.46	2	96.8	19.5	19.6								
1037								1058							
L	00.3	30.43	30.18	1	00.3	37.7	22.9	L	98.3	09.21	06.33	1	98.3	49.0	37.7
W B	29.3	30.58	30.40	2	29.3	33.7	23.2	W B	29.3	08.72	06.72	1	29.3	45.5	37.7
Par	63.3	30.38	30.29	1,2	63.3	29.4	24.0	Par	66.4	07.67	06.72	1	66.4	41.4	37.7
Cb	74.3	30.38	30.32	4	74.3	26.6	22.8	Leid	72.3	07.38	06.59	2	72.3	40.6	37.5
Par	79.3	30.52	30.47	1	79.3	28.2	25.1	Par	72.3	07.64	06.85	1	72.3	41.5	38.4
Ci	96.8	30.30	30.29	2	96.8	23.8	23.3	Lund	79.3	07.17	06.58	2	79.3	40.4	38.1
								Lund	93.3	06.68	06.49	2	93.3	38.1	37.4
1039								Ci	96.8	06.60	06.51	2	96.8	38.3	37.9
L	98.8	15.87	15.71	2	98.8	16.5	01.2	1059							
Mü	53.6	15.81	15.73	4,3	49.7	12.1	04.6	L	01.3	26.74	26.18	1	01.3	08.7	48.9
Par	74.1	15.68	15.64	4	74.1	05.9	02.0	W B	28.9	26.94	26.54	2	28.9	57.6	43.4
Ci	96.8	15.72	15.72	2	96.8	01.9	01.4	Rü	36.0	26.52	26.16	1	36.0	54.1	41.3
								Ber	80.3	26.42	26.31	2	80.3	50.9	47.0
1040								Ci	95.8	26.24	26.22	2	95.8	47.2	46.4
W B	26.7	58.25	58.62	2	26.7	35.5	20.8	1061							
Ber	80.4	58.47	58.57	2	80.4	24.3	20.4	L	95.3	55.40	53.41	1	95.3	23.5	
Ci	97.3	58.58	58.59	3	97.3	21.5	21.0	W B	24.3	54.66*	53.22	1	24.3	18.0	
								Par	58.1	54.17	53.37	1,2	58.8	17.8	
1049								Y	64.8	54.10	53.43	9,2	66.3	17.4	
B	58.2	05.97	06.72	1	58.2	22.6	08.0	Par	72.3	54.06	53.53	1	72.3	17.1	
Ber	71.3	06.36	06.88	1	71.3	17.7	07.7	Green	94.2	53.50	53.39	3	94.2	16.4	
Ber	80.6	06.45	06.80	3	80.6	14.2	07.4	Ci	96.4	53.51	53.44	3	96.4	18.2	
Ci	97.8	06.71	06.75	2	97.8	08.7	07.9	W B + 9 ^s							

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1067		s	s			//	//	1083		s	s			//	//
L	94.3	57.66	54.98	1	94.3	29.8	17.6	L	95.4	15.22	15.64	1	95.4	48.7	02.3
W B	31.3	56.21	54.47	1	31.3	25.3	17.4	W B	24.4	15.95	16.25	2	24.4	53.3	03.1
Par	61.7	55.65	54.68	3,4	60.8	22.7	18.2	Mü	52.7	15.40	15.59	4	52.7	59.0	05.2
Arm ₂	68.5	55.53	54.73	5	68.5	22.1	18.5	Par	58.3	15.60	15.77	2	58.3	58.3	03.7
10 Y	80.0	55.26	54.75	4,3	80.3	20.8	18.5	Ci	97.6	15.67	15.68	4	97.6	02.7	03.0
Ci	96.8	54.84	54.76	2	96.8	17.7	17.3								
1070								1084							
L	00.4	50.21	48.44	1	00.4	45.4	46.0	L	95.4	23.07	21.76	1	95.4	06.8	12.6
W A	51.3	49.46	48.59	2	51.3	45.4	45.7	W B	24.3	22.75	21.80	1	24.3	10.9	15.1
Par	55.3	49.09	48.29	2,1	55.3	44.3	44.6	Mü	46.4	23.16	22.49	1	46.4	08.8	11.7
Y	64.3	48.96	48.32	3,2	69.3	44.3	44.5	Göt ₂	58.3	22.16	21.64	1	58.3	06.0	08.3
Par	79.3	48.80	48.43	1	79.3	45.1	45.2	Si	60.0	22.22	21.72	1	60.0	10.1	12.3
Cor	79.5	48.74	48.39	3	79.5	45.2	45.3	Par	60.3	22.10	21.60	1	60.3	09.6	11.8
Ci	97.3	48.51	48.46	3	97.3	45.6	45.6	Par	79.4	22.02	21.76	1	79.4	11.0	12.1
								Ci	95.4	21.87	21.81	3	95.4	12.7	12.9
1072								1086							
Ma	56.3	58.09	55.86	1,0				W B	26.4	38.44	37.26	1	26.4	42.3	52.6
L	95.3	57.37	55.74	1	95.3	15.7		Ber	70.2	37.74	37.26	3	70.1	50.6	54.8
P	02.9	57.48	55.98	9	02.9	16.6		Ber	93.3	37.37	37.26		93.3	52.3	53.2
Kön	50.8	56.91	56.15	5	50.8	16.4		Ci	97.8	37.33	37.29	2	97.8	51.3	51.6
Cap	51.9	56.63	55.89	2,1	51.2	15.3									
R ₂	58.1	56.65	56.00	7,5	56.6	16.3		1088							
7 Y	60.0	56.54	55.92	3,2	60.0	16.8		L	94.4	11.58	11.81	1	94.4	54.3	35.0
Bru	68.2	56.35	55.86	5,4	67.0	16.1		W B	26.4	11.56	11.72	1	26.4	48.3	34.8
Cor	77.4	56.30	55.95	5	77.4	16.3		Par	61.3	11.41	11.50	1,2	59.8	41.5	34.2
Go	86.1	56.11	55.89	5	86.3	15.7		Ber	70.2	11.67	11.74	3	70.1	39.4	33.9
R ₃	90.0	56.15	55.99	3	90.0	16.7		Wn	73.4	11.63	11.69	1	73.4	39.0	34.1
Ci	97.4	55.95	55.91	3	97.4	15.9		Par	79.3	11.75	11.80	2,0			
								Ber	93.3	11.70	11.71		93.3	37.0	35.8
1074								Ci	97.9	11.76	11.77	2	97.9	34.9	34.5
L	98.3	02.66	02.50	3	98.3	37.6	44.2								
W B	23.3	02.70	02.59	2	23.3	42.3	47.3	1093							
Si	41.4	02.42	02.33		41.4	42.6	46.4	W B	26.4	35.66	34.85	1	26.4	19.1	
Mü	43.3	03.05	02.97	1	43.3	41.4	45.1	Rü	36.0	35.28	34.58	1	36.0	22.7	
Par	59.8	02.65	02.59	4	59.8	41.6	44.2	Ber	80.4	34.87	34.66	2	80.4	22.3	
Par	76.3	02.45	02.41	2	76.3	42.4	43.9	Ci	96.8	34.79	34.76	2	96.8	21.0	
Gl ₁	79.3	02.33	02.30	3	79.3	44.4	45.7								
Gl ₂	90.2	02.51	02.50	3,2	88.2	46.2	47.0	1094							
R ₃	92.3	02.47	02.46	3	92.3	43.6	44.1	L	94.4	45.88	43.94	1	94.4	28.7	36.9
Ci	95.6	02.52	02.51	4	95.6	43.9	44.2	P	03.0	46.28	44.50	8,9	03.6	28.1	35.6
								Par	41.5	45.33	44.25	8,0			
1076								Pu	42.3	45.28	44.21	1	42.3	32.7	37.2
L	94.3	12.93	11.10	1	94.3	32.7	21.7	Arm	46.9	45.28	44.30	5	43.6	33.7	38.1
P	00.7	12.57	10.85	10,7	02.6	33.6	23.5	Par	59.9	45.14	44.40	2,1	60.8	35.5	38.6
W B	29.3	12.25	11.03	1	29.3	33.6	26.3	Bru	68.7	44.89	44.31	3,2	67.9	35.0	37.5
Par	75.3	11.39	10.96	1	75.3	27.0	24.4	Ber	70.2	44.84	44.29	4	70.2	35.3	37.6
Cb	76.8	11.38	10.98	8	76.8	26.0	23.6	Par	70.3	44.88	44.33	1	70.3	36.0	38.3
Ci	96.8	11.00	10.94	2	96.8	24.5	24.2	Ci	97.9	44.38	44.34	2	97.9	36.1	36.3
1078								1098							
L	94.4	37.46	36.30	1	94.4	01.8	45.9	L	00.3	29.15	27.80	1	00.3	57.9	56.9
W B	26.4	37.51	36.70	1	26.4	52.1	41.0	W A	51.3	28.71	28.05	1	51.3	53.7	53.2
Par	41.3	37.12	36.47	1,0				Par	55.3	28.27	27.67	1	55.4	54.7	54.3
Ber	71.3	36.76	36.44	1	71.3	48.7	44.4	Y	64.2	28.28	27.80	2	65.4	54.9	54.6
Par	73.8	36.76	36.47	2	73.8	49.1	45.1	Cor	78.5	28.07	27.78	4	78.5	55.8	55.6
Ber	80.4	36.72	36.50	2	80.4	48.0	45.1	Par	80.3	27.91	27.64	1	80.3	55.6	55.4
Ci	97.9	36.47	36.45	2	97.9	44.7	44.4	Ci	96.9	27.97	27.93	2	96.9	54.6	54.6
1079								1102							
L	97.4	54.00	52.30	1	97.4	01.9	09.6	L	94.4	33.31	31.78	1	94.4	41.1	
W B	24.3	53.61	52.35	1	24.3	10.4	16.1	Par	60.3	32.19	31.61	3,1	63.3	42.4	
Par	57.3	53.09	52.38	1	57.3	08.2	11.4	Ber	70.2	32.09	31.66	3	70.1	42.8	
Göt ₂	58.3	52.89	52.20	1	58.3	08.6	11.7	Wn	75.8	31.92	31.57	2	75.8	44.5	
Mü	64.7	53.00	52.42	3	64.7	05.6	08.2	Par	75.8	32.01	31.66	2	75.8	43.5	
Gl	79.5	52.71	52.37	6,4	78.8	07.8	09.4	Ci	97.7	31.81	31.78	3	97.7	41.8	
Par	80.4	52.53	52.20	1	80.4	08.1	09.6								
Ci	97.4	52.39	52.35	3	97.4	10.3	10.5								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1103		s	s			"	"	1127		s	s			"	"
L	94.4	33.74	33.42	1	94.4	38.3	16.1	L	94.4	42.29	41.12	1	94.4	44.3	49.2
W B	26.4	33.48	33.26	2	26.4	29.4	14.0	P	05.1	42.20	41.15	10,11	05.5	40.6	44.9
Ber	70.1	33.46	33.37	3	70.0	23.5	17.2	Par	41.3	41.61	40.96	1	41.3	42.4	45.1
Ber	93.4	33.35	33.33		93.4	17.9	16.5	Arm	44.2	41.69	41.07	5	51.1	41.6	43.8
Ci	97.7	33.43	33.42	3	97.7	15.8	15.3	Pu	50.1	41.65	41.10	5	50.1	43.8	46.1
								Ber	80.6	41.36	41.14	3	80.6	44.5	45.4
								Ci	97.4	41.14	41.11	3	97.4	44.7	44.8
1104								1128							
L	95.3	59.74	58.09	1	95.3	11.4	15.7	L	94.4	47.77	52.40	1	94.4	36.8	10.2
Par	58.8	58.60	57.95	2,1	58.3	13.4	15.1	W B	26.4	49.69	52.91	1	26.4	24.7	06.2
B	66.3	58.65	58.12	1	66.3	14.6	16.0	Wn	57.3	50.99	52.86	1	57.3	18.0	07.2
Par	77.7	58.42	58.07	3	77.3	15.2	16.1	Ber	70.9	51.33	52.61	2	70.9	15.3	08.0
Dun	83.3	58.11	57.85	1	83.3	14.8	15.5	Ber	83.4	52.06	52.78		83.4	13.9	09.7
Ci	97.4	58.12	58.08	3	97.4	15.5	15.6	Ber	94.4	52.37	52.62		94.4	09.9	08.5
								Ci	97.7	52.46	52.56	4	97.7	08.7	08.1
1108-9								1130							
W B	22.4	14.05	13.53	1	22.4	30.6	22.2	W B	22.4	04.99	03.59	1	22.4	53.4	50.3
P M	25.4	14.10	13.60	4	25.4	32.4	24.3	Bru	70.1	04.20	03.66	4,2	66.9	50.5	49.2
Par	42.5	14.00	13.62	15,3	43.3	29.4	23.2	Gl ₁	74.4	04.06	03.60	5,3	70.3	50.4	49.2
Mü	43.3	14.10	13.72	1	43.3	29.7	23.5	Alb	81.8	03.81	03.48	2	81.8	51.9	51.2
Hamb	56.0	13.87	13.58	2	56.0	28.8	24.0	Gl ₂	89.6	03.85	03.66	6,3	88.9	49.4	49.0
Sj	62.4	13.74	13.49	1	62.4	27.4	23.3	Ci	95.1	03.68	03.59	3	95.1	50.8	50.6
Alb	80.1	13.77	13.64	4	80.1	26.7	24.5								
Ci	97.6	13.60	13.58	5	97.6	24.1	23.8	1131							
								Br	54.7	06.26	04.78	10,4	55.0	43.7	
1111								D'A	83.3	05.83	04.64	5	83.3	42.9	
L	94.3	53.89	51.25	1	94.3	08.5	23.3	P	98.5	05.83	04.80	22,14	99.7	42.2	
B	58.3	52.05	51.01	1	58.3	18.2	24.0	Wr	33.0	05.44	04.76	10,0			
Ber	80.6	51.62	51.14	3	80.6	21.3	24.0	Arm	35.3	05.39	04.73	5,1	54.3	41.5	
Ci	96.9	51.34	51.26	2	96.9	22.3	22.7	Par	48.3	05.27	04.74	11,3	44.3	43.3	
								Pu	55.0	05.12	04.66	4	55.0	43.5	
1116								7 Y	58.3	05.15	04.73	3,2	58.3	43.3	
L	94.4	33.88	29.55	1	94.4	52.1	54.2	Bru	68.8	05.05	04.73	4,3	70.3	44.0	
W B	26.4	32.05	29.04	1	26.4	45.7	47.2	Y	70.4	05.10	04.80	2,3	71.7	43.8	
Ber	70.9	30.51	29.32	2	70.9	54.0	54.6	Cor	76.5	05.03	04.79	4	76.5	44.5	
Ber	93.3	29.66	29.39		93.3	54.3	54.4	R ₃	90.0	04.87	04.77	3	90.0	43.8	
Ci	97.8	29.46	29.37	3	97.8	53.6	53.6	Ci	96.9	04.75	04.72	2	96.9	43.1	
1118								1138							
L	94.4	22.43	20.49	1	94.4	34.1	32.5	L	98.3	20.07	19.25	4	98.3	16.9	30.6
W B	26.4	21.98	20.63	1	26.4	31.6	30.5	P	10.3	20.01	19.28	4	10.3	17.0	29.1
Par	57.3	21.16	20.37	1	57.3	34.8	34.2	W B	24.3	19.71	19.10	1	24.3	22.5	32.7
Pu	66.3	21.15	20.53	6	66.3	33.2	32.7	Si	42.4	19.79	19.32		42.4	29.7	37.5
Bru	68.4	21.11	20.53	2,4	67.6	32.1	31.6	Mü	43.3	19.62	19.16	1	43.3	24.7	32.4
Ber	70.9	20.96	20.43	2	70.9	34.5	34.1	Rü	45.0	19.79	19.34	2	45.0	24.9	32.3
Par	79.3	20.97	20.59	1	79.3	33.4	33.1	Cap	52.5	19.64	19.26	2,1	51.4	23.0	29.5
Ber	93.3	20.67	20.54		93.3	32.8	32.7	R ₂	56.9	19.66	19.31	11,4	57.8	23.5	29.2
Ci	97.8	20.60	20.56	3	97.8	32.8	32.8	7 Y	57.0	19.61	19.26	4	57.0	25.4	31.2
								Bru	62.4	19.55	19.25	2,5	68.5	25.7	30.0
1119								Par	73.7	19.53	19.32	3	73.7	27.8	31.3
L	96.3	25.94	27.28	2	96.3	49.1	37.5	Cor	77.4	19.49	19.31	4	77.4	27.6	30.6
W B	29.4	26.44	27.35	1	29.4	45.5	37.6	R ₃	85.3	19.55	19.43	3	85.3	27.9	29.9
Lund	80.3	27.03	27.29	3	80.3	39.9	37.7	Ci	97.4	19.27	19.25	3	97.4	30.1	30.5
Par	81.4	27.21	27.45	1	81.4	39.6	37.6								
Ci	97.4	27.27	27.30	3	97.4	37.7	37.4	1139							
								D'A	83.3	33.65	33.83	1	83.3	00.8	26.0
1123								L	98.3	33.94	34.09	1	98.3	01.1	23.1
L	98.3	41.41	38.77	1	98.3	05.1	52.9	W B	22.4	34.33	34.45	1	22.4	07.5	24.2
W B	24.2	41.17	39.20	1	24.2	02.9	53.8	P M	23.7	34.21	34.32	5	23.7	07.4	23.9
Gl ₁	76.4	39.54	38.93	7,3	78.3	55.2	52.6	Pu	51.3	34.22	34.29	2	51.3	14.5	25.0
Gl ₂	90.2	39.26	39.01	2	90.2	52.0	50.8	Bru	67.4	34.18	34.23	3,6	68.7	17.0	23.7
Ci	95.1	39.09	38.96	3	95.1	53.9	53.3	Par	72.1	34.29	34.33	3	72.1	18.7	24.7
								Gl ₁	74.9	34.22	34.26	5,3	74.0	19.8	25.4
1125								Rmg	75.0	34.10	34.14	4	75.0	19.2	24.6
L	96.3	33.94	34.58	2	96.3	00.8	20.8	Alb	80.4	34.17	34.20	3	80.4	20.4	24.6
W B	29.4	34.24	34.68	1	29.4	47.5	20.3	Ci	90.0	34.12	34.14	3	90.0	21.6	23.8
Bru	68.0	34.40	34.60	3,4	68.3	32.2	19.9	Ci	96.4	34.16	34.16	3	96.4	24.4	25.2
Cb	73.7	34.51	34.67	3	73.7	28.8	18.7								
Par	81.4	35.02	35.13	1	81.4	28.2	21.1								
Ci	97.4	34.56	34.58	3	97.4	22.2	21.2								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1140		s	s			//	//	1150		s	s			//	//
L	98.3	35.94		1	98.3	04.1	29.9	Br	55.8	08.46	07.12	4	54.2	22.0	19.8
W B	22.4	35.78		1	22.4	13.7	33.4	Ma	56.4	08.30	06.97	4	56.4	21.9	19.7
Bru	67.4	35.99		3.5	66.7	23.3	31.7	P	99.3	07.93	06.99	15,17	99.3	20.6	19.1
Rmg	75.0	35.92		4	75.0	25.8	32.1	12 Y	41.0	07.55	07.00	5	41.5	20.7	19.8
Gl ₁	79.7	35.95		5.3	78.4	26.8	32.3	Arm	41.9	07.51	06.97	2,5	53.4	18.7	18.0
Alb	80.4	35.88		3	80.4	26.6	31.6	Cap	52.4	07.63	07.19	2,1	50.5	19.1	18.4
Par	81.3	35.94		2	81.3	27.6	32.3	Cap	59.3	07.42	07.04	1	59.3	20.5	19.9
Ci	90.0	35.81		3	90.0	28.6	31.1	Y	64.3	07.39	07.06	2	69.4	20.3	19.8
Ci	96.9	35.89		4	96.9	30.1	30.9	Cor	77.5	07.22	07.01	4	77.5	19.2	18.9
								10 Y	80.0	07.24	07.05	5	80.0	18.7	18.4
								R ₃	90.0	07.18	07.09	4	90.0	19.1	18.9
								Ci	96.9	07.07	07.04	2	96.9	19.7	19.7
1143								1153							
L	94.4	43.82	43.99	1	94.4	53.4	35.1	L	94.3	00.58	57.44	1	94.3	45.9	14.0
Ber	70.7	43.95	43.99	3	70.5	40.5	35.4	W B	29.3	59.50	57.40	2	29.3	35.9	14.5
Wn	78.4	43.73	43.76	1	78.4	40.5	36.8	Par	66.4	58.30	57.30	1,2	66.9	24.2	14.2
Ber	93.5	43.98	43.99		93.5	36.4	35.3	Lund	80.3	58.03	57.44	2	80.3	20.3	14.4
Ci	97.9	44.01	44.01	2	97.9	36.1	35.7	Par	80.9	57.96	57.39	4	80.9	20.4	14.6
								Ci	96.9	57.52	57.42	2	96.9	15.2	14.2
1144								1155							
L	94.3	21.93	21.30	1	94.3	31.7*	15.0	L	94.3	22.98	20.87	1	94.3	59.5	03.7
W B	28.3	22.21	21.78	1	28.3	29.7	18.4	W B	29.0	22.23	20.81	3	29.0	55.5	58.3
B	58.4	21.69	21.44	1	58.4	21.6	15.0	P M	42.0	22.02	20.86	4	42.0	57.0	59.3
Leid	72.3	21.61	21.44	2	72.3	19.9	15.7	Par	71.9	21.35	20.79	2	71.9	57.9	58.9
Par	81.3	21.77	21.66	2	81.3	19.5	16.5 ^t	Ber	80.3	21.29	20.90	2	80.3	58.7	59.5
Ci	97.4	21.44	21.43	3	97.4	16.8	16.4	Ci	96.9	20.92	20.86	2	96.9	58.2	58.3
						L—30''									
1146								1156							
L	95.4	03.12*	03.73	1	95.4	52.4	00.7	L	94.4	11.07	11.13	1	94.4	17.8	31.5
W B	24.3	03.49	03.93	1	24.3	54.6	00.6	P	03.9	11.23	11.29	14,10	04.4	21.3	33.7
Mü	46.4	03.12	03.43	1	46.4	55.8	00.0	W B	26.4	11.19	11.23	1	26.4	17.2	26.8
Göt ₂	58.3	03.59	03.83	1	58.3	56.1	59.4	Rü	45.0	11.02	11.05	2	45.0	23.9	31.1
Si	60.0	03.47	03.70		60.0	59.0	02.2	Par	64.4	11.21	11.23	1,2	61.4	27.6	32.6
Par	75.4	03.62	03.76	2	75.4	58.8	00.8	Bru	68.0	11.19	11.21	3,4	68.6	28.4	32.5
Ci	97.4	03.71	03.73	3	97.4	00.3	00.5	Ber	70.7	11.20	11.22	3	70.6	29.6	33.4
		L—9 ^s						Ber	93.4	11.19	11.19		93.4	32.0	32.9
1147								Ci	97.9	11.27	11.27	2	97.9	32.1	32.4
Br	55.6	27.70	26.16	7.4	54.3	11.7	13.9	1161							
Ma	56.4	27.43	25.90	4	56.4	14.9	17.1	D'A	83.4	03.10	04.09	2	83.4	19.4	57.4
P	01.6	26.92	25.87	12	01.6	14.8	16.3	L	99.4	03.06	03.91	1	99.4	15.1	56.1
Abo	30.0	26.86	26.11	8	30.0	13.8	14.9	Wr ₂	50.6	03.69	04.11	5,0			
J	30.0	26.87	26.12	3,6	30.0	12.6	13.7	Bru	67.7	03.85	04.12	3	66.3	04.3	57.9
Arm	52.4	26.70	26.19	5	48.4	13.4	14.2	Ber	80.6	03.85	04.02	3	80.6	01.7	58.0
Pu	55.0	26.58	26.10	4	55.0	13.8	14.5	Cb	80.6	03.87	04.04	5	80.6	02.1	58.4
7 Y	59.3	26.47	26.03	5	59.3	14.7	15.3	Ci	94.4	03.90	03.95	3	94.4	57.8	56.8
Y	71.4	26.48	26.18	2,5	72.6	13.5	13.9								
Rmg	75.0	26.39	26.12	8	75.0	14.3	14.7	1163							
Cor	78.5	26.38	26.15	4	78.5	14.8	15.1	L	95.3	00.86	00.04	1	95.3	15.2	20.5
10 Y	80.0	26.31	26.10	3	80.0	13.8	14.1	P	01.7	01.35	00.58	25,15	01.3	18.9	23.9
Cap	80.0	26.38	26.17	2	80.0	14.8	15.1	W B	24.3	01.33	00.74	1	24.3	16.5	20.4
R ₃	90.0	26.25	26.14	3	90.0	14.8	14.9	Par	42.0	00.89	00.44	7,3	42.3	19.8	22.7
Ci	96.9	26.09	26.06	2	96.9	15.0	15.0	Par	55.4	00.79	00.44	1	58.3	20.2	22.3
								Si	60.0	00.73	00.42		60.0	19.1	21.1
1148								Cor	79.6	00.70	00.54	3	79.6	22.6	23.6
L	94.3	42.44	41.22	1	94.3	29.5		R ₃	91.3	00.68	00.61	3	91.3	23.3	23.7
W B	28.3	42.58	41.75	1	28.3	33.2		Ci	97.4	00.58	00.56	3	97.4	22.9	23.0
Par	73.2	41.63	41.32	5,4	73.9	35.9									
Ber	80.4	41.55	41.32	2	80.4	36.3		1164							
Ci	96.9	41.38	41.34	2	96.9	35.2		L	98.3	12.08	10.27	1	98.3	47.5	51.3
								P	01.8	11.93	10.18	16	01.8	49.8	53.4
1149								W B	22.3	11.89	10.51	1	22.3	47.0	49.9
L	94.4	57.54	58.18	1	94.4	09.0	51.3	P M	25.4	11.56	10.23	4	25.4	51.5	54.3
W B	26.3	57.93	58.38	1	26.3	57.4	45.1	Si	40.0	11.46	10.39	2	40.0	50.9	53.1
Ber	70.9	58.07	58.25	2	70.9	54.2	49.3	Bru	70.4	10.80	10.27	2,3	71.3	53.0	54.1
Wn	75.8	58.04	58.19	2	75.8	49.4	45.4	Rmg	75.6	10.69	10.26	4	75.6	52.7	53.6
Ber	93.3	58.18	58.21		93.3	49.9	48.8	Ci	92.6	10.37	10.24	3	92.6	53.0	53.3
Ci	97.9	58.20	58.21	2	97.9	49.0	48.7	Ci	95.9	10.33	10.26	2	95.9	54.2	54.3

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1165		S	S			//	//	1173		S	S			//	//
Br.	56.1	24.08	22.16	5,10	53.0	35.2	36.3	L.	94.4	10.36	11.36	1	94.4	26.4	57.9
P.	01.1	23.39	22.07	10,7	02.6	35.2	36.0	W B.	25.4	10.46	11.17	1	25.4	22.0	01.9
G.	08.2	23.27	22.05		08.2	35.8	36.5	Rü.	43.0	10.87	11.41	1	43.0	10.1	54.7
Abo.	30.0	23.09	22.16	11	30.0	36.0	36.6	Par.	63.3	10.78	11.13	1,0			
R ₁	43.6	22.92	22.17	5,6	45.0	36.7	37.1	Ber.	70.6	11.05	11.33	3	70.6	07.0	59.1
I2 Y.	45.0	22.77	22.04	5,8	45.0	36.9	37.3	Par.	79.8	11.17	11.36	2,1	80.3	01.6	56.3
Arm.	46.4	22.88	22.17	7,5	39.4	36.2	36.7	Ber.	93.3	11.26	11.32		93.3	00.9	59.1
Pu.	55.0	22.75	22.15	6	55.0	37.3	37.7	Ci.	96.9	11.22	11.25	2	96.9	59.8	59.0
7 Y.	60.0	22.69	22.16	3	60.0	36.4	36.7								
R ₂	60.0	22.70	22.17	5,3	60.0	35.9	36.2	1174							
Rmg.	75.0	22.49	22.16	8	75.0	37.6	37.8	L.	94.3	18.93	17.66	1	94.3	25.2	20.2
10 Y.	80.0	22.29	22.02	3	80.0	37.9	38.1	P.	03.2	18.38	17.22	9,11	03.3	25.6	21.1
B.	80.1	22.32	22.05	3	80.1	37.3	37.5	W B.	28.4	18.17	17.31	1	28.4	20.8	17.4
Ci.	95.9	22.15	22.10	2	95.9	36.6	36.6	Rü.	45.0	17.96	17.30	1	45.0	25.6	23.0
								Par.	57.3	17.90	17.39	1	57.3	23.1	21.1
1166								Y.	60.4	17.67	17.20	2,4	54.4	22.8	20.7
L.	94.3	30.43	28.22	1	94.3	14.2	28.5	Par.	74.3	17.62	17.31	3	74.3	22.9	21.7
P.	02.7	29.93	27.90	11,8	03.4	16.9	29.9	Ber.	80.5	17.56	17.33	4	80.5	22.2	21.3
W B.	28.4	29.67	28.18	1	28.4	17.9	27.6	Ci.	97.4	17.33	17.30	3	97.4	21.2	21.1
Par.	40.4	29.21	27.97	1	40.4	22.0	30.0								
Pu.	41.3	29.23	28.00	4	41.3	21.3	29.2	1177							
Arm.	52.4	29.01	28.02	3,5	48.3	22.8	29.8	D'A.	83.3	21.05	21.52	1	83.3	13.7*	51.3
Par.	59.4	28.81	27.96	2,1	58.3	24.3	29.9	L.	98.3	21.26	21.67	1	98.3	07.9	48.4
Ber.	80.5	28.42	28.01	4	80.5	26.7	29.3	W B.	22.4	21.55	21.86	1	22.4	02.1	47.2
Ci.	96.9	28.07	28.01	2	96.9	29.0	29.4	Mü.	49.9	21.38	21.58	2	49.9	00.8	51.2
								Göt ₂	58.3	21.44	21.61	1	58.3	58.7	50.7
1167								Bru.	72.4	21.58	21.69	3,4	70.6	56.7	51.1
D'A.	83.4	10.02	07.94	2	83.4	01.7	08.7	Alb.	79.7	21.52	21.60	3,2	79.9	55.5	51.7
L.	98.3	09.86	08.05	1	98.3	01.4	07.5	Ci.	95.9	21.56	21.58	2	95.9	50.3	49.5
W B.	22.3	09.71	08.33	1	22.3	08.2	12.8							D'A —20''	
Rü.	36.0	09.12	07.98	5,2	36.0	05.8	09.6	1179							
Mü.	51.0	08.86	07.99	6	51.0	03.8	06.7	Br.	56.9	41.13	38.65	2,6	52.1	27.6	36.0
Si.	62.4	08.43	07.76	2	62.4	05.9	08.2	P.	01.4	39.84	38.14	18,9	02.2	30.8	36.4
Par.	63.3	08.71	08.06	2	61.8	06.2	08.5	G.	09.3	39.73	38.16		09.3	32.2	37.4
Sj.	63.3	08.86	08.21	1	63.3	05.7	07.9	Arm.	41.0	39.02	38.00	5	39.4	32.4	35.9
Göt ₁	68.3	08.71	08.15	2	68.3	07.2	09.1	R ₁	45.0	39.24	38.29	5	42.8	32.4	35.7
Cor.	78.1	08.53	08.14	5	78.1	06.1	07.4	Pu.	55.0	39.12	38.34	4	55.0	32.8	35.4
R ₃	84.3	08.43	08.15	3	84.3	06.7	07.6	R ₂	58.2	39.04	38.32	6,5	58.7	34.1	36.5
Ci.	97.4	08.14	08.09	3	97.4	07.4	07.6	N 7 Y.	66.1	38.95	38.36	3	66.1	34.6	36.5
								Harv.	71.4	38.81	38.32	4	71.4	34.6	36.2
1168								Rmg.	75.0	38.79	38.36	1	75.0	34.7	36.1
P.	99.7	16.62	15.60	8,9	99.7	08.3	06.2	Ci.	94.4	38.40	38.30	3	94.4	35.8	36.1
L.	00.8	16.32	15.31	2	00.8	03.6	01.5								
Wr ₁	33.0	15.92	15.24	10,0				1180							
Arm.	33.6	15.93	15.25	5,0				L.	98.3	19.15	16.40	1	98.3	53.6	44.1
Cap.	40.1	15.94	15.33	3,2	40.3	08.8	07.5	W B.	22.3	18.90	16.80	1	22.3	48.0	40.8
Par.				0,2	42.9	07.2	06.0	Rü.	45.0	17.94	16.46	4	45.0	47.9	42.8
Wr ₂	50.3	15.78	15.27	5,0				Par.	60.6	17.60	16.53	3	60.3	48.1	44.4
W A.	51.4	16.10	15.61	1	51.4	04.8	03.8	Arm ₂	73.6	17.27	16.56	4,5	73.5	46.0	43.5
R ₂	57.4	15.92	15.49	1,3	60.0	06.9	06.1	Rmg.	79.4	17.05	16.50	2	79.4	45.6	43.7
Y.	62.4	15.68	15.30	2,4	67.4	07.2	06.5	Gl ₁	80.0	17.22	16.68	3	79.0	47.3	45.3
B.	62.8	15.70	15.32	4	62.8	06.9	06.1	Leip.	83.4	16.91	16.46		83.4	44.9	43.4
Bru.	64.7	15.72	15.36	3	64.1	08.0	07.2	Gl ₂	89.3	16.83	16.54	3,6	87.8	45.4	44.3
Cor.	77.3	15.63	15.40	5	77.3	07.1	06.6	Ci.	94.4	16.70	16.55	3	94.4	44.0	43.5
Cap.	78.4	15.69	15.47	3	78.4	06.7	06.3								
Ci.	94.4	15.47	15.41	3	94.4	05.4	05.3	1183							
								L.	94.4	47.85	45.48	1	94.4	10.9	
1172								W B.	25.8	47.05	45.39	2	25.8	08.9	
L.	94.3	39.48	37.82	1	94.3	37.0		Rü.	43.0	46.48	45.20	2	43.0	07.9	
W B.	28.7	38.89	37.77	3	28.7	35.4		Par.	57.3	46.36	45.40	2	57.3	08.3	
P M.	41.7	38.54	37.63	4	41.7	34.5		Ber.	70.6	46.12	45.46	3	70.5	10.0	
Par.	67.3	38.18	37.67	1	67.3	35.5		Bru.	71.1	46.08	45.43	4,2	67.3	09.5	
Bru.	70.3	38.08	37.61	2,0				Ber.	93.3	45.59	45.44		93.3	09.7	
Leid.	73.3	38.07	37.65	2	73.3	36.3		Ci.	96.9	45.42	45.35	2	96.9	08.9	
Rmg.	75.3	38.14	37.75	4	75.3	36.4									
Par.	80.3	38.04	37.73	2	80.3	38.8									
Ci.	96.9	37.83	37.78	2	96.9	36.4									

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1186		s	s			//	//	1206		s	s			//	//
Ma	56.4	22.95	22.73	I	56.4	42.8	05.6	L	94.3	42.13	43.37	I	94.3	14.1	07.9
P	98.4	23.16	23.00	11,7	98.4	47.5	03.5	W B	29.3	42.49	43.32	I	29.3	12.1	07.9
W B	24.8	23.02	22.91	I	24.8	51.7	03.7	Par	75.7	42.99	43.27	3	75.7	09.7	08.3
Par	43.4	23.36	23.28	1,2	44.3	55.5	04.3	Ber	81.3	43.07	43.29	2	81.3	09.4	08.3
Cap	52.4	23.01	22.94	2,1	50.4	55.4	03.3	Ci	97.4	43.31	43.34	3	97.4	08.0	07.8
Si	57.4	22.84	22.78	2	57.4	57.0	03.8	1208							
Bru	66.7	22.99	22.94	4	68.1	00.7	05.8	W B	22.4	16.25	15.55	I	22.4	38.5	28.4
Cor	79.4	22.97	22.94	3	79.4	01.0	04.3	Mü	50.4	16.04	15.59	I	50.4	31.7	25.3
Go	86.6	22.97	22.95	5	86.6	02.4	04.5	Alb	80.4	15.68	15.50	3	80.4	31.8	29.3
R ₃	90.0	22.89	22.88	3	90.0	03.9	05.5	Mü ₂	86.4	15.48	15.36	I	86.4	31.6	29.8
Ci	97.4	22.93	22.93	3	97.4	03.7	04.1	Ci	97.4	15.57	15.55	3	97.4	28.1	27.8
1187								1211							
Ber	70.4	12.73	13.50	I	70.4	13.1	17.5	L	94.3	41.63	39.32	I	94.3	34.0	18.6
Ber	91.4	13.31	13.53	2	91.4	33.9	17.7	Rü	41.0	40.78	39.49	I	41.0	22.5	13.9
Ber	94.3	13.36	13.51	3	94.3	28.8	18.1	Y	59.4	40.29	39.40	2	49.3	27.5	20.1
Ci	97.7	13.44	13.50	3	97.7	21.6	17.3	Par	75.7	39.94	39.41	3,2	74.4	22.3	18.6
1190								Ber	80.3	39.80	39.37	2	80.3	20.8	17.9
L	94.4	03.20	01.64	I	94.4	45.7	55.4	Ci	97.4	39.40	39.34	3	97.4	18.9	18.5
W B	28.4	03.10	02.04	I	28.4	45.2	51.8	1212							
Par	62.3	02.20	01.64	I	62.3	50.0	53.5	P	10.0	03.90	04.87	3,4	10.1	50.1	05.2
Par	74.3	02.23	01.85	3	74.3	51.7	54.1	W B	24.4	04.89	05.71	2	24.4	53.2	05.9
Ber	80.3	02.06	01.77	3	80.3	52.4	54.2	Par	41.2	04.62	05.25	2,0			
Ci	96.9	01.87	01.82	2	96.9	53.2	53.5	Cap	51.5	04.62	05.14	2,1	50.5	56.6	04.9
1192								Göt ₂	58.3	04.86	05.31	I	58.3	57.5	04.5
L	94.4	46.09	43.97	I	94.4	08.8	59.1	R ₂	59.1	04.65	05.09	3	54.4	58.9	06.5
P	00.8	45.77	43.78	15,9	00.8	08.4	59.3	Mü	61.4	04.70	05.12	I	61.4	00.7	07.2
W B	28.4	45.23	43.79	I	28.4	06.6	00.0	Bru	61.9	04.72	05.13	8,7	69.2	59.9	05.1
Arm	40.8	45.11	43.92	5,6	44.4	05.6	00.5	Cor	79.4	04.88	05.10	3	79.4	01.3	04.7
Bru	70.0	44.46	43.86	5,2	66.4	02.3	59.2	R ₃	90.0	05.01	05.12	3	90.0	03.9	05.6
Leid	71.3	44.44	43.86	2	71.3	02.5	59.9	Ci	97.4	05.01	05.04	3	97.4	05.1	05.5
Ci	97.4	43.88	43.83	3	97.4	00.1	59.9	1217							
1193								W A	51.4	57.21	56.92	I	51.4	30.0	38.7
L	94.3	08.12	06.37	I	94.3	14.8	21.2	Y	62.9	56.93	56.71	2	68.5	34.5	40.2
Par	49.3	07.21	06.37	3,1	49.3	20.1	23.2	Wash	72.4	56.93	56.77	3	72.4	33.2	38.2
Par	62.3	06.99	06.36	I	62.3	20.3	22.6	Cor	74.5	56.93	56.79	4	74.5	35.5	40.1
Par	73.2	06.87	06.42	I	73.4	18.9	20.5	Cap	78.4	57.05	56.92	3	78.4	34.1	38.0
Ber	81.3	06.69	06.38	2	81.3	20.6	21.7	R ₃	83.0	56.94	56.84	3	83.0	34.8	37.9
Ci	97.4	06.41	06.37	3	97.4	21.4	21.6	Ci	97.4	56.80	56.79	4	97.4	38.5	39.0
1196								1219							
W B	25.4	02.84	01.69	I	25.4	15.9	04.6	Rü	39.0	00.69	00.02	I	39.0	32.0	33.2
Rü	45.0	02.43	01.58	I	45.0	14.3	05.9	O A	44.3	00.10	59.49	I	44.3	33.1	34.2
Ber	70.6	02.11	01.65	3	70.5	09.3	04.8	R ₁	48.9	59.92	59.36	4,3	49.1	32.4	33.4
Ber	93.3	01.76	01.66		93.3	06.6	05.6	Harv	78.1	59.53	59.29	3	78.1	33.1	33.5
Ci	98.1	01.70	01.67	3	98.1	05.4	05.1	Ci	96.9	59.62	59.59	2	96.9	33.3	33.4
1198								1221							
L	94.4	37.19	36.13	I	94.4	55.3	45.3	L	94.3	19.08	17.65	I	94.3	12.7	18.0
W B	25.4	36.73	35.98	I	25.4	54.5	47.4	W B	29.3	18.46	17.51	I	29.3	19.0	22.5
Par	59.9	36.36	35.96	2,1	60.3	48.8	45.0	Par	63.3	17.87	17.37	1,0			
Ber	70.5	36.37	36.08	3	70.5	49.6	46.8	Par	73.3	17.89	17.53	2	73.3	18.8	20.1
Ber	93.3	36.18	36.11		93.3	46.0	45.4	Ber	81.3	17.82	17.57	2	81.3	18.0	18.9
Ci	97.4	36.14	36.11	3	97.4	45.9	45.7	Ci	97.4	17.67	17.63	3	97.4	19.2	19.3
1201								1222							
L	94.4	05.24		I	94.4	25.9	16.8	L	98.3	38.88	37.36	I	98.3	16.8	13.8
P	01.4	05.40		10	01.4	23.8	15.3	W B	22.4	38.75	37.59	I	22.4	17.9	15.6
W B	25.4	05.56		I	25.4	24.1	17.7	Si	40.0	38.23	37.34	3	40.0	13.9	12.1
Par	45.4	05.44		1,2	45.4	19.8	15.1	Par	43.4	38.29	37.45	I	53.4	14.7	13.3
Kam	51.3	05.26			51.3	19.5	15.3	Gl ₂	91.3	37.52	37.39	2	91.3	11.4	11.2
Par	57.2	05.18		1,2	57.3	19.3	15.6	Ci	95.1	37.53	37.46	3	95.1	13.8	13.7
Sj	62.4	05.31		I	62.4	19.4	16.2	1223							
Par	80.0	05.40		3	80.0	17.3	15.6	L	94.4	52.38	50.99	I	94.4	07.7	
Ci	97.4	05.41		3	97.4	16.3	16.1	W B	25.4	51.54	50.56	I	25.4	08.3	
								Par	63.3	51.16	50.68	1,0			
								Ber	70.7	51.12	50.73	3	70.6	07.4	
								Par	79.5	51.11	50.84	7,6	79.4	07.8	
								Ber	93.3	50.95	50.86		93.3	07.8	
								Ci	97.9	50.89	50.86	2	97.9	08.3	

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1224		s	s			//	//	1241		s	s			//	//
L	94.9	03.21	02.58	2	94.9	57.7	47.2	L	95.4	37.28	35.61	1	95.4	45.9	41.5
W B	28.4	02.93	02.50	2	28.4	49.4	42.2	W B	28.4	36.65	35.51	1	28.4	43.4	40.4
Par	66.4	02.70	02.50	1	66.4	49.8	46.4	Par	66.4	36.04	35.50	1	66.4	43.2	41.8
Par	81.4	02.84	02.73	1	81.4	45.9	44.0	Arm ₂	70.5	35.91	35.44	5,6	71.9	41.6	40.4
Ci	97.4	02.52	02.50	3	97.4	46.3	46.0	Leid	71.4	35.95	35.49	2	71.4	41.4	40.2
								Par	81.4	35.82	35.52	1	81.4	42.2	41.4
								Ci	97.4	35.63	35.59	3	97.4	41.6	41.5
1226								1242							
L	99.4	37.05	37.61	1	99.4	03.7	33.5	L	98.3	18.91	19.89	1	98.3	55.8	46.4
W B	22.9	36.98	37.38	2	22.9	57.5	34.4	W B	22.4	19.29	20.03	1	22.4	53.1	46.0
Par	59.8	37.40	37.62	4,2	60.3	44.9	33.0	Par	59.8	19.56	19.95	2,4	58.3	49.9	46.1
N 7 Y	65.3	37.37	37.56	6,3	65.4	45.1	34.7	Par	80.4	19.81	20.00	1	80.4	46.7	44.9
Ci	96.9	37.47	37.49	2	96.9	34.8	33.9	Ci	96.9	19.86	19.89	2	96.9	46.8	46.5
1229								1244							
L	98.3	42.14		1	98.3	49.7	12.1	L	98.3	30.11	31.28	1	98.3	08.1	23.9
Mü	58.4	42.44		1	58.4	02.0	11.2	W B	22.3	30.90	31.79	1	22.3	15.6	27.6
Par	62.3	42.38		6,4	63.4	04.8	12.8	Rü	40.0	30.51	31.20	1	40.0	17.7	27.0
Mü ₂	84.4	42.04		1	84.4	07.5	10.9	Si	40.0	30.52	31.21	3	40.0	16.8	26.1
Ci	97.4	42.22		3	97.4	11.3	11.9	Par	41.4	30.53	31.20	3,0			
1231								Par	58.3	30.70	31.18	3,1	57.3	18.3	24.9
W B	22.4	56.52	55.43	2	22.4	50.5*	42.0	Si	61.4	30.80	31.24	3	61.4	21.2	27.2
Mü	44.4	55.99	55.21	1	44.4	45.1	39.0	Sj	63.3	30.68	31.10	1	63.3	18.4	24.1
Alb	79.4	55.69	55.40	3	79.4	44.6	42.3	Göt ₁	68.3	30.84	31.20	2	68.3	20.0	24.9
Ci	97.4	55.39	55.35	3	97.4	42.2	41.9	Gl ₁	72.3	31.03	31.35	2,3	74.3	20.7	24.7
						W B +10''		Arm ₂	75.9	31.03	31.31	4	75.9	21.2	24.9
1233								Cor	77.5	30.94	31.20	4	77.5	21.9	25.4
Br	55.8	40.19		8,5	55.5	42.5	02.7	R ₃	90.0	31.23	31.34	3	90.0	23.8	25.3
P	01.2	40.37		23,15	01.1	49.6	03.5	Ci	94.4	31.14	31.20	3	94.4	24.3	25.2
J	30.0	40.45		5,16	30.0	52.1	01.9	1245							
Cap	40.2	40.37		5,3	40.1	53.3	01.7	L	94.4	58.96	56.97	1	94.4	25.5	37.3
Cap	52.4	40.38		2,1	50.4	55.9	02.8	W B	25.4	57.98	56.58	1	25.4	31.0	39.4
7 Y	54.3	40.39		3,2	54.3	59.8	06.2	Ber	70.4	57.45	56.89	2	70.4	35.0	38.3
Pu	55.0	40.40		1	55.0	54.4	00.7	Wn	77.4	56.98	56.56	2	77.4	36.7	39.2
Y	55.8	40.40		5	59.6	58.9	03.2	Ber	93.3	56.97	56.84		93.3	37.8	38.6
R ₂	58.4	40.40		5,3	60.0	56.5	02.1	Ci	97.9	56.90	56.86	2	97.9	37.4	37.6
Cor	74.4	40.41		4	74.4	59.7	03.3	1246							
Cap	78.3	40.50		3	80.0	59.5	02.3	L	98.3	19.03	17.61	1	98.3	36.7	42.3
10 Y	80.0	40.45		3	80.0	01.6	04.4	W B	22.4	18.85	17.76	1	22.4	41.3	45.6
Cap	82.6	40.40		20	82.6	59.6	02.0	P M	25.4	18.59	17.55	1	25.4	41.3	45.4
R ₃	90.0	40.49		3	90.0	00.7	02.1	Par	64.4	18.03	17.53	2,4	60.9	43.2	45.3
Ci	95.1	40.41		3	95.1	01.5	02.2	Par	70.4	17.96	17.55	1	70.4	42.2	43.8
1234								Rmg	75.0	18.03	17.68	5	75.0	42.8	44.2
Br	54.5	27.05	25.42	6,5	55.2	13.5	10.9	Alb	80.1	17.98	17.70	3	80.1	43.4	44.5
D'A	83.4	26.46	25.15	4	83.4	12.9	10.8	Ci	97.4	17.64	17.60	3	97.4	44.1	44.2
P	99.5	26.45	25.32	23,18	99.4	11.4	09.6	1247							
Abo	30.0	26.15	25.37	8,7	30.0	13.0	11.7	L	97.3	22.14	21.52	2	97.3	31.5	17.6
Arm	31.2	26.07	25.30	5	31.1	12.4	11.5	G	12.4	21.93	21.40		12.4	26.9	15.0
Wr ₁	33.0	26.15	25.40	10,0				W B	29.4	21.48	21.06	1	29.4	21.9	12.3
6 Y	52.3	25.94	25.41	8	52.3	12.3	11.4	Arm				0,5	41.4	22.6	14.6
7 Y	54.4	25.85	25.34	5	54.4	12.5	11.7	R ₁	46.1	21.81	21.49	5,3	44.4	23.6	16.1
Pu	55.0	25.93	25.43	4	55.0	11.8	11.0	Pu	46.3	21.75	21.43	4	46.3	22.5	15.2
R ₂	60.0	25.94	25.49	3,4	60.0	11.2	10.5	B	69.9	21.73	21.55	2	69.9	19.8	15.7
9 Y	72.0	25.70	25.39	6	72.0	11.7	11.2	9 Y	72.4	21.73	21.56	1	72.4	20.8	17.1
Rmg	75.0	25.61	25.33	8	75.0	11.8	11.4	10 Y	82.0	21.66	21.55	3,4	81.6	18.9	16.4
Cor	77.4	25.62	25.37	4	77.4	10.9	10.5	Ci	97.4	21.49	21.47	3	97.4	16.4	16.0
Cap	81.5	25.57	25.36	6,3	82.1	11.6	11.3	1249							
Ci	95.9	25.43	25.38	2	95.9	11.7	11.6	L	94.3	55.16	53.84	1	94.3	21.4	15.1
1236								W B	27.4	54.62	53.71	2	27.4	22.6	18.2
L	95.4	39.60	40.33	1	95.4	47.0	58.6	P M	38.9	54.63	53.87	3	38.9	23.6	19.9
W B	24.4	39.56	40.09	1	24.4	54.0	02.4	Par	45.4	54.58	53.90	1,2	45.4	22.7	19.4
P M	28.3	39.94	40.44	3	28.3	52.0	00.0	Par	58.4	54.34	53.82	2	58.4	21.9	19.4
Mü	45.4	39.58	39.96	1	45.4	56.8	02.8	Par	70.9	54.21	53.85	2,1	71.4	19.4	17.7
Par	61.4	40.17	40.44	3,2	62.4	55.5	59.7	Y	74.4	54.23	53.91	4,2	69.4	19.4	17.6
Bru	67.7	40.06	40.29	4,2	67.2	56.7	00.3	Ber	80.7	54.08	53.84	3	80.7	19.6	18.4
R ₃	90.0	40.27	40.34	3	90.0	59.9	01.0	Ci	96.9	53.87	53.83	2	96.9	18.3	18.1
Ci	96.9	40.35	40.37	2	96.9	59.0	59.4								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1250		s	s			//	//	1265		s	s			//	//
L	98.3	40.07	42.01	I	98.3	02.2	24.4	L	90.3	00.86	59.43	I	90.3	06.1	20.4
Par	58.4	41.53	42.32	1,3	59.0	15.4	24.3	O A	41.4	00.30	59.54	I	41.4	08.3	15.9
Sj	63.4	41.46	42.16	I	63.4	16.0	24.0	Harv	75.5	59.77	59.45	2	75.5	16.1	19.3
Par	74.0	41.65	42.15	7,6	74.2	18.5	24.3	Ci	94.9	59.50	59.43	4	94.9	17.8	18.5
Cor	78.1	41.69	42.11	6,5	78.1	19.7	24.5	1269							
R ₃	85.0	41.85	42.14	3	85.0	20.5	23.8	D'A	83.4	38.64	39.90	2	83.4	14.2	50.9
Ka	90.7	41.91	42.09	3	90.7	21.8	23.8	L	97.3	39.27	40.38	2	97.3	10.5	50.0
Ci	96.9	41.96	42.02	2	96.9	24.2	24.9	G	11.4	39.40	40.36		11.4	07.7	50.0
1252								W B	29.4	39.54	40.30	I	29.4	05.2	51.1
Br	54.2	02.89	01.27	8,4	54.7	44.7	54.9	R ₁	46.4	39.62	40.20	4,5	44.0	01.6	50.4
P	00.0	02.23	01.12	10,11	00.0	46.6	53.6	7 Y	56.4	39.84	40.31	2	56.4	59.7	51.0
Abo	30.0	01.99	01.21	8	30.0	49.0	53.9	Y	60.1	39.90	40.33	4,5	53.8	58.8	49.6
Arm	31.2	02.08	01.32	5	53.4	50.0	53.3	Bru	66.2	39.92	40.29	4,3	67.7	57.1	50.6
Wr ₁	33.0	01.91	01.17	10,0				N 7 Y	67.3	39.91	40.26	3	67.3	56.7	50.2
Wr ₂	50.6	01.80	01.25	5,0				B	69.9	39.77	40.09	2	69.9	56.0	50.0
Pu	55.0	01.90	01.40	4	55.0	51.1	54.3	Par	80.4	40.23	40.44	I	80.4	54.3	50.4
R ₂	57.9	01.68	01.21	4,3	60.1	51.6	54.4	Ci	96.9	40.28	40.31	2	96.9	51.1	50.5
N 7 Y	65.4	01.68	01.30	3	65.4	51.1	53.5	1272							
Ber	70.7	01.56	01.24	3	70.5	52.0	54.1	L	94.4	28.73	26.98	I	94.4	39.8	39.0
9 Y	75.0	01.44	01.16	3	74.3	52.5	54.3	W B	25.4	28.17	26.93	I	25.4	40.3	39.7
Rmg	75.0	01.47	01.19	8	75.0	52.1	53.8	Rü	42.0	27.84	26.88	I	42.0	34.3	33.8
10 Y	80.0	01.51	01.29	3,7	80.0	52.3	53.7	Par	61.1	27.54	26.89	3	61.1	40.3	40.0
Ci	95.7	01.27	01.22	4	95.7	53.4	53.7	Ber	71.4	27.40	26.93	2	71.4	40.5	40.3
1255								Ci	96.9	27.02	26.97	2	96.9	39.0	39.0
D'A	83.4	21.04		I	83.4	17.3	32.7	1273							
L	01.4	20.92		2	01.4	22.2	35.2	Br	55.1	01.41	59.86	5,3	54.4	54.4	00.5
P	00.9	21.14		8	00.9	19.0	32.1	D'A	83.4	00.73	59.48	2	83.4	55.8	00.7
P M	24.0	21.24		6	24.0	24.5	34.5	P	01.0	00.64	59.58	14,11	00.0	54.8	59.0
W B	24.4	21.19		3,1	24.4	23.5	33.5	Abo	30.0	00.51	59.76	8	30.0	57.8	00.7
Cb	42.4	21.34		3	42.4	23.3	30.9	Arm	34.8	00.56	59.86	9,5	40.4	00.0	02.5
Cap	52.5	21.17		2,1	50.4	22.9	29.4	Par	45.8	00.40	59.82	8,4	44.9	58.3	00.6
Mü	55.1	21.11		3	55.1	26.7	32.6	Pu	55.0	00.30	59.82	4	55.0	59.1	01.0
Rmg	75.7	21.14		8	75.7	30.0	33.2	N 7 Y	64.0	00.21	59.82	9,4	64.0	59.0	00.5
Cor	77.4	21.18		8,7	77.4	30.3	33.3	Rmg	75.0	00.03	59.76	8	75.0	59.8	00.8
R ₃	82.4	21.12		6,9	82.4	31.3	33.6	Ber	81.4	00.04	59.84	2	81.4	00.1	00.9
Ci	96.9	21.11		2	96.9	32.5	32.9	Ci	96.9	59.80	59.77	2	96.9	59.6	59.7
1258								1274							
L	98.3	24.18	23.01	I	98.3	32.8	22.6	P	00.9	27.53		8,5	02.4	08.9	52.2
P	03.5	24.01	22.90	10,7	03.4	37.7	28.0	W B	22.8	27.64		2	22.8	05.0	51.9
W B	23.0	23.93	23.04	3	23.0	37.1	29.4	Par	40.4	27.45		I	40.4	04.1	54.0
Si	40.0	23.70	23.01	I	40.0	32.3	26.3	Mü	45.4	27.33		5	45.4	02.8	53.5
Arm	40.6	23.68	23.00	5	39.4	32.4	26.3	Sj	62.3	27.29		3	62.3	59.6	53.2
Par	42.4	23.60	22.94	1,0				Gl ₁	72.9	27.70		2,3	76.0	58.6	54.5
Par	56.3	23.37	22.87	1,2	61.9	30.8	27.0	Gl ₂	90.1	27.57		4	90.1	56.1	54.4
Bru	67.8	23.29	22.92	3,2	66.4	30.5	27.1	Ci	95.1	27.43		3	95.1	53.4	52.6
Par	73.4	23.14	22.83	I	73.4	30.0	27.3	1275							
Gl ₂	91.2	23.05	22.95	2	91.2	26.9	26.0	Leip	68.3	40.01	40.36	2	68.3	34.8	18.6
Ci	95.1	23.07	23.01	3	95.1	28.6	28.1	Leip	83.7	40.16	40.34	2	83.7	26.8	18.5
1259								Ci	95.4	40.30	40.35	3	95.4	20.8	18.5
L	97.4	27.19	27.77	I	97.4	27.5	08.8	1276							
W B	29.4	27.34	27.74	I	29.4	21.5	08.7	L	94.3	32.00	29.96	I	94.3	18.3	25.7
Arm ₂	60.4	27.46	27.69	I	60.4	17.3	10.1	W B	28.4	31.28	29.90	I	28.4	20.6	25.6
Par	67.4	27.66	27.85	2	67.4	14.2	08.3	P M	31.7	31.01	29.69	6	31.7	19.5	24.3
Lund	79.4	27.62	27.74	2	79.4	12.8	09.1	Par	44.4	30.76	29.69	6,3	44.4	21.5	25.4
10 Y	86.4	27.64	27.72	3	86.4	12.5	10.0	Bru	70.7	30.35	29.80	3,2	68.3	22.3	24.5
Ci	97.4	27.76	27.77	3	97.4	09.2	08.7	Rmg	76.3	30.26	29.80	6	76.3	23.9	25.6
1262								Par	81.4	30.20	29.84	2	81.4	23.9	25.1
L	95.4	55.88	54.49	I	95.4	11.5	15.9	Ci	96.9	29.85	29.79	2	96.9	24.7	24.9
W B	24.4	55.89	54.89	I	24.4	13.2	16.4	1278							
Par	55.4	55.08	54.49	I	55.4	13.7	15.6	L	97.4	47.75	48.38	I	97.4	06.0	37.2
Si	57.4	55.39	54.80	2	57.4	12.0	13.8	W B	29.4	47.71	48.14	I	29.4	58.5	38.7
Par	79.9	54.94	54.67	2	79.9	15.8	16.6	Par				0,1	66.4	46.0	36.6
R ₃	88.9	54.83	54.68	4	88.9	16.0	16.5	B	69.9	48.10	48.28	2	69.9	46.3	37.9
Ci	97.4	54.68	54.65	3	97.4	15.4	15.5	Par	81.4	48.09	48.20	I	81.4	42.3	37.1
								Ci	96.9	48.29	48.31	2	96.9	39.0	38.1

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1282		S	S			//	//	1303		S	S			//	//
W B	24.4	43.99	42.48	1	24.4	30.5		L	99.4	24.63	23.52	1	99.4	24.3	04.2
R ₃	88.4	42.67	42.44	3	88.4	32.7		W B	23.4	24.31	23.47	1	23.4	23.6	08.3
Ci.	97.4	42.54	42.49	3	97.4	32.1		Par	80.4	23.72	23.51	1	80.4	10.7	06.8
1289								Ci.	97.1	23.53	23.50	3	97.1	06.6	06.0
W B	25.4	22.91	23.92	1	25.4	50.5	24.9	1304							
Rü	44.0	23.06	23.82	1	44.0	40.0	20.8	Br.	55.4	44.97		3,2	54.4	11.7	59.8
Ber	71.1	23.52	23.91	2	70.9	32.6	22.6	P	00.3	44.37		7,8	99.9	03.0	54.8
Ber	93.4	23.78	23.87		93.4	26.8	24.5	G	09.4	45.14			09.4	05.6	58.2
Ci.	97.9	23.80	23.83	2	97.9	24.3	23.6	Abo	30.0	44.90		13	30.0	03.7	58.0
1290								12 Y	41.5	44.79		5,10	40.0	02.7	57.8
L	98.3	57.14	55.51	1	98.3	54.7	46.9	Arm.				0,5	40.6	03.7	58.8
W B	24.4	56.45	55.24	1	24.4	54.5	48.7	R ₁	47.3	45.01		5	45.0	01.7	57.2
Si	45.4	56.35	55.48		45.4	58.5	54.3	Pu	55.0	44.95		5	55.0	01.5	57.8
Mü	55.1	56.14	55.42	3	59.4	48.4	45.3	Beck	75.0	44.92		4	75.0	59.8	57.8
Par	57.4	55.96	55.28	1	57.4	52.8	49.5	Rmg	75.0	44.83		8	75.0	59.9	57.9
Arm ₂	70.8	56.08	55.61	5	70.8	50.5	48.3	B	75.3	44.75		2	75.3	59.8	57.8
Par	74.2	55.86	55.45	5,3	74.7	50.8	48.9	Ci.	95.9	44.82		2	95.9	58.3	58.0
Cor	77.4	55.77	55.41	4	77.4	49.8	48.1	1305							
R ₃	85.4	55.65	55.42	3	85.4	49.1	48.0	Br.	55.4	00.09	59.39	1,0			
Ci.	97.4	55.50	55.46	3	97.4	47.9	47.7	L	98.4	59.24	58.75	1	98.4	18.2	30.2
1292								P	02.2	59.59	59.12	10,8	00.6	15.8	27.5
D'A	85.3	33.96	33.38	1	85.3	40.9	23.6	Arm.	31.4	59.38	59.05	1,5	53.4	22.5	28.0
L	94.4	34.59	34.05	2	94.4	39.8	23.9	Par	50.4	59.53	59.29	2,1	58.4	21.7	26.6
W B	25.4	34.64	34.26	2	25.4	36.2	24.9	Cap	57.3	59.42	59.21	2,3	57.9	21.5	26.5
Par	59.3	34.35	34.14	2	59.3	32.5	26.4	7 Y	57.7	59.35	59.15	14,13	57.6	22.0	27.0
Ber	71.1	34.32	34.17	4	71.0	29.3	24.9	Bru	59.4	59.38	59.19	3	69.8	24.2	27.8
Gl ₂	91.4	34.05	34.01	2	91.4	25.4	24.1	9 Y	75.4	59.27	59.15	5,6	75.4	24.9	27.8
Ci.	95.1	34.18	34.16	3	95.1	24.6	23.9	10 Y	80.0	59.33	59.23	4	80.0	26.2	28.6
1293								Par	80.3	59.35	59.26	7,8	80.4	25.1	27.4
Ma	56.4	31.31	30.52	1	56.4	49.9	05.1	R ₃	90.0	59.27	59.22	3	90.0	26.7	27.9
L	98.4	30.94	30.38	1	98.4	57.1	07.9	Ci.	96.9	59.25	59.24	2	96.9	27.1	27.5
P	01.2	30.98	30.44	12,11	01.2	58.3	08.8	1306							
12 Y	46.0	30.78	30.48	4,7	38.0	00.1	06.7	D'A	83.4	18.37	14.77	3	83.4	30.5	19.9
W A	51.4	30.85	30.58	1	51.4	01.8	06.9	L	94.3	18.16	14.89	1	94.3	29.2	19.6
Cap	51.5	30.65	30.38	2,1	50.4	02.5	07.7	P	04.7	18.13	15.19	6,8	03.5	24.9	16.1
Bru	67.4	30.60	30.42	2,3	65.7	04.2	07.8	W B	26.4	17.40	15.13	1	26.4	26.4	19.7
Cor	78.5	30.63	30.51	4	78.5	06.3	08.6	Par	59.4	16.22	14.97	2	59.4	21.7	18.0
Cap	82.2	30.58	30.48	3	82.2	04.6	06.5	Par	70.4	16.02	15.11	3	70.4	22.4	19.7
Mel ₂	83.5	30.56	30.47	3	83.5	05.5	07.2	Ber	81.4	15.64	15.07	2	81.4	21.5	19.8
Go	86.0	30.55	30.47	5	86.6	05.5	06.9	Ci.	96.9	15.05	14.96	2	96.9	20.1	19.8
R ₃	90.0	30.59	30.53	3	90.0	07.0	08.1	1307							
Ci.	97.4	30.47	30.46	3	97.4	06.6	06.9	Br.	55.4	18.52	17.29	2,1	54.4	42.6	56.4
1294								P	99.5	18.32	17.47	9,8	99.7	46.0	55.5
L	94.9	42.06	40.21	2	94.9	49.3	26.5	G	09.4	18.20	17.43		09.4	45.8	54.4
W B	22.4	41.72	40.35	1	22.4	46.2	29.4	P M	30.0	17.90	17.30	7	30.0	46.9	53.6
Leip	68.4	40.71	40.15	1,2	68.9	33.7	27.0	Arm.	42.8	17.87	17.38	3,5	41.4	49.4	55.0
Leip	89.7	40.47	40.29	3	89.7	29.4	27.2	12 Y	45.0	17.69	17.22	4,2	36.0	48.9	55.0
Ci.	95.4	40.33	40.25	3	95.4	28.4	27.4	R ₁	45.6	17.96	17.50	5	45.0	49.9	55.1
1298								6 Y				0,4	50.0	50.8	55.5
W B	25.4	43.65	43.13	1	25.4	42.4	33.0	Pu	55.0	17.75	17.37	6	55.0	50.8	55.1
Ber	70.7	43.41	43.20	3	70.5	00.0	32.6	Rmg.	75.0	17.69	17.48	8	75.0	52.8	55.4
Ber	93.9	43.13	43.09		93.9	39.0	33.3	Beck	75.0	17.67	17.46	4	75.0	52.8	55.4
Ci.	97.7	43.12	43.10	3	97.7	34.0	31.9	B	76.9	17.55	17.35	2	76.9	53.0	55.2
1299								Ci.	96.4	17.34	17.31	3	96.4	55.7	56.0
Br.	55.4	05.23	04.78	1	54.4	36.1		1308							
P	98.2	06.76	06.44	13	98.2	36.8		Cap				0,2	36.4	52.7	53.7
12 Y	38.0	06.54	06.35	5,3	45.0	37.7		W A	51.3	37.01	35.51	1	51.3	54.2	54.9
Cap	40.5	06.62	06.44	1	40.6	39.1		Cor	76.6	36.14	35.42	3	76.6	52.8	53.2
Cap	52.4	06.59	06.44	2,1	50.4	40.1		Cap	78.4	36.15	35.48	3	78.4	54.0	54.3
7 Y	59.4	06.50	06.37	3	59.4	39.6		R ₃	86.4	35.81	35.39	3	86.4	53.5	53.7
Cap	60.5	06.28	06.16	1	60.5	37.9		Ci.	97.4	35.60	35.52	4	97.4	54.4	54.4
Y	63.4	06.60	06.49	2,3	66.8	37.9									
Cor	74.8	06.45	06.37	5,4	74.4	39.5									
Cap	78.4	06.55	06.48	3	78.4	39.2									
Ci.	97.4	06.46	06.45	3	97.4	38.6									

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1309		s	s			//	//	1322		s	s			//	//
Br.	54.7	45.30	46.56	8,3	54.4	11.4	59.8	W B	25.4	27.85	26.88	2	25.4	54.6	01.1
D'A	83.4	45.54	46.54	5	83.4	04.8	55.5	Wn	57.4	27.39	26.84	1	57.4	57.7	01.5
P	99.0	45.75	46.63	10,11	99.2	03.7	55.6	Ber	70.9	27.28	26.90	2	70.9	59.5	02.1
Arm	29.4	45.80	46.41	1,6	49.4	00.5	56.5	Ber	93.3	26.96	26.87		93.3	00.9	01.5
P M	30.0	46.02	46.63	6	30.0	59.0	53.4	Ci	97.9	26.92	26.89	2	97.9	00.4	00.7
Rü	42.0	46.07	46.57	8	42.0	00.1	55.5								
6 Y	50.0	46.16	46.59	7,5	50.2	59.6	55.6	1324							
Ber	71.4	46.37	46.63	3	71.4	58.6	56.3	L	90.3	53.56	53.01	1	90.3	52.7*	29.7
9 Y	72.0	46.30	46.54	3,7	72.0	59.5	57.3	O A	41.4	52.99	52.70	1	41.4	41.8	29.5
Rmg	75.0	46.43	46.65	7	75.0	58.9	56.9	Harv	72.4	53.19	53.05	6	72.4	35.2	29.4
Beck	75.0	46.39	46.61	5	75.0	58.6	56.6	Par	81.4	52.82	52.73	1	81.4	34.7	30.8
Ci	94.4	46.54	46.59	3	94.4	58.4	58.0	Ci	94.9	52.97	52.94	4	94.9	31.0	29.9
														L — 10''	
1310								1326							
W B	25.4	58.09	56.67	1	25.4	27.3	34.0	W B	23.4	28.85	28.70	2	23.4	21.4	11.4
Ber	70.7	57.17	56.61	3	70.5	30.8	33.5	Par				0,1	44.4	17.2	10.0
Ber	93.4	56.76	56.63		93.4	34.5	35.1	Mü	64.0	28.75	28.68	2	64.0	14.1	09.4
Ci	98.1	56.73	56.69	3	98.1	33.7	33.9	Gl ₁	74.8	28.78	28.73	2,3	76.0	14.6	11.5
								Gl ₂	90.2	28.84	28.82	6,7	89.6	11.5	10.1
								Ci	94.4	28.70	28.69	3	94.4	11.7	11.0
1312								1327							
L	94.4	54.38	53.89	1	94.4	15.4	37.9	Br	55.4	48.38	47.45	1,3	54.5	36.3	42.2
Par	58.3	54.01	53.82	1,0				P	99.7	47.45	46.81	9,6	02.3	39.7	43.7
Ber	71.2	53.95	53.82	4	71.1	31.8	38.0	G	09.4	47.46	46.88		09.4	38.2	41.9
Rmg	75.1	53.87	53.76	4	75.1	32.7	38.0	W B	28.4	46.80	46.34	1	28.4	36.6	39.5
Par	80.4	54.01	53.92	2	80.2	34.5	38.7	Arm				0,5	43.6	39.7	42.0
Ber	94.5	53.92	53.89		94.5	37.3	38.5	Rü	44.0	46.95	46.59	1	44.0	39.2	41.5
Ci	97.9	53.88	53.87	2	97.9	36.5	36.9	Pu	46.1	47.17	46.83	4	46.1	40.3	42.5
								R ₁	48.4	47.11	46.78	6,4	44.1	39.5	41.8
1313								7 Y	55.5	47.09	46.81	4	55.5	40.8	42.6
D'A	83.4	54.55	51.02	6	83.4	52.7	20.0	Par	64.4	47.02	46.79	28,5	64.4	40.7	42.2
L	94.4	55.07	51.87	1	94.4	54.1	18.8	9 Y	76.3	46.94	46.79	3,4	75.9	41.4	42.4
W B	25.4	53.98	51.72	1	25.4	01.2	18.6	B	78.5	47.00	46.86	2	78.5	41.7	42.6
Par	59.4	52.69	51.47	4,5	58.8	10.7	20.3	10 Y	78.7	46.92	46.78	3	78.7	41.2	42.1
Bru	69.6	52.42	51.50	4,5	71.0	12.5	19.3	Ci	95.9	46.92	46.89	2	95.9	41.9	42.1
Ber	71.2	52.31	51.44	4	71.1	13.0	19.8								
Ber	93.4	51.66	51.46		93.4	18.1	19.6	1329							
Ci	96.9	51.52	51.43	2	96.9	18.2	18.9	L	94.4	20.21	18.39	1	94.4	21.7	30.9
								W B	28.4	19.91	18.68	1	28.4	26.4	32.6
1315								Arm	53.4	19.28	18.48	1,0			
L	94.4	26.21	19.98	1	94.4	05.1		Bru	63.8	19.06	18.44	3,5	70.4	29.6	32.2
W B	26.4	24.16	19.82	1	26.4	10.3		Par	67.5	19.09	18.53	1	67.5	29.1	31.9
Par	74.4	21.49	19.98	2	74.4	10.9		Leip	71.3	18.98	18.49	2	71.3	27.9	30.4
Ber	80.4	21.08	19.92	2	80.4	09.1		Par	71.5	18.98	18.49	1	71.5	29.0	31.5
Ci	96.9	20.09	19.91	2	96.9	09.6		Arm ₂	74.7	18.85	18.42	4,8	70.2	29.6	32.2
								Ci	96.9	18.56	18.51	2	96.9	30.8	31.1
1317								1330							
L	98.4	00.09	58.95	1	98.4	10.8	24.3	L	94.4	48.69	49.15	1	94.4	41.2	13.6
W B	23.4	59.23	58.37	1	23.4	16.9	27.1	W B	25.4	48.63	48.96	1	25.4	33.1	13.7
Mü	58.4	59.67	59.20	3	58.4	18.9	24.4	Wn	58.4	48.66	48.84	1	58.4	26.4	15.5
Par	58.4	59.30	58.83	2,1	58.4	18.5	24.0	Par	59.4	49.07	49.25	1,0			
Par	75.4	59.24	58.96	4	75.4	21.5	24.8	Ber	70.9	48.97	49.10	4	70.8	21.6	14.0
R ₃	92.4	59.03	58.94	3	92.4	24.5	25.5	Par	80.4	48.97	49.06	1	80.4	19.1	14.0
Ci	96.9	59.05	59.02	2	96.9	24.9	25.3	Ber	93.4	49.06	49.09		93.4	16.3	14.6
								Ci	97.4	49.04	49.05	3	97.4	14.1	13.4
1319								1331							
L	95.4	59.59	57.39	1	95.4	25.1	47.1	Rü	42.0	48.74	48.57	2	42.0	23.7	30.7
W B	23.4	58.95	57.34	1	23.4	36.7	52.8	B	59.4	48.86	48.74	1	59.4	28.1	33.0
Par	59.1	58.29	57.43	1	58.3	39.1	47.9	Alb	81.0	48.79	48.73	2	81.0	30.6	32.9
Par	79.4	57.77	57.34	1	79.4	46.1	50.4	Ci	96.9	48.60	48.59	2	96.9	30.5	30.9
Ci	96.9	57.43	57.36	2	96.9	48.4	49.1								
1320								1332							
L	95.4	58.90	58.69	1	95.4	29.1	18.1	D'A	83.4	55.64	54.44	2	83.4	30.7	41.2
W B	22.4	59.11	58.95	1	22.4	26.2	18.1	L	94.4	55.91*	54.80	2	94.4	34.4	43.9
Par	58.9	58.61	58.53	2,1	58.4	22.9	18.5	W B	25.4	55.81	55.04	3	25.4	36.6	43.3
Gl ₁	72.4	58.66	58.60	2,3	74.4	20.7	18.0	Par	56.9	55.47	55.03	2,0			
Par	80.4	58.64	58.60	1	80.4	21.2	19.2	Ber	71.1	55.28	54.98	5	71.0	41.4	44.0
Gl ₂	89.3	58.52	58.50	6,4	88.3	19.8	18.6	Par	79.9	55.03	54.82	2,1	79.4	43.1	44.9
Ci	96.9	58.63	58.62	2	96.9	18.5	18.2	Ber	93.4	54.90	54.83		93.4	44.0	44.6
								Ci	98.1	54.84	54.82	3	98.1	42.3	42.5
														L 27407 — 1 ^s	

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1333		s	s			//	//	1350		s	s			//	//
L	97.4	51.81	49.99	1	97.4	42.4	47.5	L	94.4	38.44	38.12	1	94.4	56.9	37.9
W B	23.4	51.04	49.69	1	23.4	40.3*	44.1	W B	25.4	38.89	38.67	1	25.4	48.9	35.5
Mü	45.4	50.50	49.54	2	45.4	43.9	46.6	Wn	58.4	38.95	38.83	1	58.4	43.1	35.6
Par	57.4	50.49	49.74	3	57.4	46.3	48.4	Par	59.4	38.48	38.36	1,0			
Par	74.4	50.34	49.89	2	74.4	45.0	46.3	Ber	71.4	38.46	38.37	2,3	71.1	42.6	37.4
Ka	88.2	50.10	49.89	6	88.2	46.1	46.7	Ber	93.4	38.44	38.42		93.4	40.2	39.0
Ci	96.9	49.92	49.87	2	96.9	46.0	46.2	Ci	97.9	38.41	38.40	4	97.9	38.0	37.6
						W B — 30''									
1336								1352							
P	01.1	20.89	20.62	5	01.1	19.0	29.4	D'A	83.4	05.37	05.78	3	83.4	03.3	16.6
L	02.4	20.94	20.68	1	02.4	21.7	31.9	L	94.4	05.74	06.11	1	94.4	01.3	13.3
W A	50.4	20.85	20.72	1	50.4	25.0	30.2	P	01.9	06.11	06.45	12,14	02.2	04.7	15.8
Cap				0,3	51.1	23.3	28.4	W B	26.4	06.48	06.74	1	26.4	09.4	17.8
Y	65.9	20.68	20.59	2,3	62.5	24.5	28.4	Pu	41.4	06.39	06.59	4	41.4	10.5	17.2
Bru	68.9	20.76	20.68	2,5	69.6	27.3	30.5	Rü	44.0	06.37	06.57	1	44.0	09.9	16.3
Cor	75.5	20.69	20.62	9	75.5	28.5	31.1	Arm	44.9	06.71	06.90	2,5	47.0	11.4	17.4
Cap	78.5	20.86	20.80	3	78.5	27.4	29.7	Bru	67.4	06.44	06.55	3	70.7	12.6	15.8
R ₃	90.0	20.74	20.71	3	90.0	28.1	29.2	Par	70.7	06.57	06.67	4	70.7	12.9	16.1
Ci	97.4	20.68	20.67	3	97.4	29.0	29.3	Ber	80.6	06.50	06.57	3	80.6	14.4	16.5
								Ci	95.9	06.48	06.49	2	95.9	15.2	15.7
1337								1353							
F	90.0	28.79	19.07	2	90.0	11.7	21.4	L	97.4	51.46	52.18	1	97.4	21.5	11.0
G	09.4	27.19	19.18		09.4	14.3	22.3	W B	22.4	51.88	52.42	1	22.4	19.9	12.0
R ₁	45.0	23.55	18.69	3,4	45.0	17.5	22.3	Rü	40.0	51.55	51.97	1	40.0	18.9	12.8
Par	50.8	23.30	18.95	5,1	40.5	14.6	19.8	Mü	49.5	51.88	52.23	1	49.5	15.7	10.5
R ₂	58.4	22.88	19.20	2,3	58.9	18.1	21.7	Par	61.0	51.85	52.12	3	61.0	18.2	14.2
Bru	67.0	21.80	18.88	2	69.4	20.1	22.8	Par	69.3	52.34	52.56	1	69.3	18.0	14.9
Rmg	75.0	21.27	19.06	4	75.0	19.2	21.4	Gl ₁	79.3	52.09	52.23	3,4	77.8	14.2	11.9
io Y	84.6	20.39	19.02	8,16	83.6	19.9	21.3	Alb	81.8	52.19	52.32	3	81.8	14.9	13.1
Ci	96.4	19.38	19.06	3	96.4	21.8	22.1	Ci	97.0	52.19	52.21	2	97.0	11.9	11.6
1339								1355							
L	97.4	01.64	57.88	2	97.4	01.9	53.7	W B	24.4	32.62	32.05	2	24.4	22.0	39.2
W B	23.4	01.15	58.35	1	23.4	03.5	57.4	P M	29.6	32.64	32.10	9	29.6	23.0	39.1
Si	40.0	00.23	58.03	1,0				Sj	63.4	32.31	32.03	1	63.4	32.4	40.7
Par	57.3	59.61	58.05	1	57.3	58.8	55.4	R ₃	90.0	32.16	32.08	3	90.0	37.0	39.3
Par	80.4	58.69	57.97	1	80.4	56.4	54.8	Ka	93.4	32.12	32.07	5	93.4	36.9	38.4
Ci	96.9	58.16	58.05	2	96.9	55.7	55.5	Ci	97.4	32.10	32.08	3	97.4	39.1	39.7
1341								1356							
B	58.4	10.36	07.91	1	58.4	01.7	21.6	L	94.4	49.20	48.95	1	94.4	22.2	04.1
Cb	76.7	09.34	07.97	2	76.7	11.2	22.4	W B	25.4	49.19	49.01	3	25.4	15.6	02.9
Ci	91.0	08.40	07.87	4	91.0	17.5	21.8	Ber	70.9	49.08	49.01	2,3	70.7	09.4	04.4
Ci	97.4	08.08	07.93	3	97.4	20.3	21.5	Ber	93.5	49.05	49.03		93.5	05.5	04.4
1343								Ci	97.9	48.98	48.97	2	97.9	03.5	03.1
L	94.3	40.33	40.86	1	94.3	29.2	17.4	1357							
W B	29.4	41.09	41.44	1	29.4	28.1	20.2	L	01.4	27.45		1	01.4	11.5	59.3
R	68.4	40.83	40.99	3	68.4	22.2	18.7	W B	25.4	28.16		1	25.4	05.7	56.5
Par	71.9	40.85	40.99	2	71.9	22.4	19.3	Ber	71.4	27.98		1	71.4	01.0	57.5
Ber	80.3	40.92	41.02	2	80.3	21.6	19.4	Ber	80.7	27.96		3	80.7	01.0	58.6
Gl ₂	91.3	41.14	41.18	2,4	91.3	20.6	19.6	Ci	97.0	27.90		2	97.0	59.0	58.6
Ci	95.7	40.98	41.00	4	95.7	19.1	18.6	1358							
1344								L	98.4	02.91	03.56	1	98.4	00.2	11.4
L	94.4	20.96	19.67	1	94.4	20.6	18.5	W B	26.4	03.35	03.82	1	26.4	04.9	13.0
W B	25.4	20.44	19.53	2	25.4	18.9	17.4	P M	34.1	03.28	03.70	6	34.1	05.2	12.5
Ber	70.9	19.95	19.60	4	70.8	19.6	19.0	Par	40.5	03.21	03.59	1	40.5	06.2	12.7
Ber	93.3	19.73	19.65		93.3	19.0	18.9	Bru	66.7	03.44	03.65	4,2	65.4	08.8	12.6
Ci	97.9	19.66	19.63	2	97.9	18.4	18.4	Arm ₂	69.2	03.43	03.63	5	69.2	10.2	13.6
1345								Par	72.8	03.60	03.77	6,4	72.9	08.9	11.9
W B	26.4	05.96	05.22	4	26.4	39.0	46.4	Rmg	75.0	03.53	03.69	4	75.0	09.3	12.1
Ber	80.9	05.40	05.21	4	80.9	44.6	46.5	Cb	76.1	03.56	03.71	3	76.1	09.0	11.6
Ci	97.4	05.28	05.25	3	97.4	46.3	46.5	io Y	85.4	03.57	03.66	3	85.4	10.5	12.1
1346								Ci	96.9	03.61	03.63	2	96.9	11.6	11.9
L	95.4	11.41	11.10	1	95.4	17.5	29.0								
W B	26.4	11.66	11.44	1	26.4	21.5	29.6								
Rü	39.0	11.53	11.35	1	39.0	25.2	31.9								
Par	67.4	11.39	11.29	1	67.4	31.2	34.8								
Par	69.5	11.40	11.31	1	69.5	27.9	31.3								
Leid	71.3	11.36	11.27	2	71.3	28.2	31.4								
Ci	97.4	11.27	11.26	3	97.4	29.0	29.3								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1362		s	s			//	//	1377		s	s			//	//
L	94.4	30.66		1	94.4	23.3	02.4	L	98.5	00.95*	59.93	1	98.5	44.8	
W B	28.9	29.81		2	28.9	14.7	00.6	W B	26.4	00.88	00.14	1	26.4	49.6	
Rü	38.0	30.42		2	38.0	13.9	01.6	Par	60.8	00.26	59.87	5	60.8	50.3	
Par	66.5	29.98		1	66.5	09.6	03.0	Par	80.4	00.10	59.90	2	80.4	49.7	
B	75.1	30.01		3	75.1	05.9	01.0	Ci	96.9	59.95	59.92	2	96.9	49.2	
Par	81.4	30.08		2,1	81.4	07.1	03.4			L — 1 ^s					
Ci	97.7	30.06		3,2	97.7	03.0	02.6								
1363								1381							
Br	55.5	57.18	56.39	5,3	54.4	58.5	43.5	L	98.5	39.45	39.65	1	98.5	04.7	51.6
P	01.9	56.25	55.71	8	01.9	52.5	42.4	W B	27.9	39.28	39.42	2	27.9	03.2	53.9
Abo	30.0	56.83	56.45	8	30.0	51.2	44.0	Par	59.5	39.51	39.59	1	59.5	58.4	53.2
Arm	31.6	56.82	56.44	5	49.2	49.2	44.0	Par	73.4	39.29	39.34	1	73.4	56.3	52.9
Wr	33.0	56.70	56.33	6,0				Ber	80.3	39.42	39.46	2	80.3	55.1	52.6
Par	44.3	56.72	56.41	8,5	43.2	46.7	40.8	Ci	97.7	39.51	39.51	4	97.7	53.2	52.9
Pu	55.0	56.76	56.51	4	55.0	48.3	43.7								
N 7 Y	64.0	56.63	56.43	9,3	64.0	47.3	43.6	1382							
Alb	80.1	56.59	56.48	3	80.1	46.6	44.5	L	94.4	57.34	57.06	1	94.4	58.5	09.6
Ci	97.0	56.41	56.39	2	97.0	43.2	42.9	W B	23.4	57.54	57.34	1	23.4	55.3	03.3
1364								Par	60.6	57.26	57.16	6,4	61.4	02.0	06.0
Br	55.8	01.85	00.32	5,3	54.5	50.4	43.0	Gl ₁	71.9	57.21	57.14	4,3	71.0	04.4	07.4
D'A	83.4	01.52	00.28	4	83.4	50.0	44.1	Gl ₂	90.0	57.25	57.22	4	90.0	05.5	06.6
P	01.5	01.29	00.25	17,11	01.0	46.7	41.7	Ci	95.1	57.17	57.16	3	95.1	07.0	07.5
Abo	30.0	01.05	00.31	7	30.0	46.9	43.3	1383							
Par	42.1	00.94	00.33	3	44.4	44.5	41.7	L	98.4	18.39	17.82	1	98.4	55.1	26.2
Arm	47.5	00.95	00.39	2,5	41.2	46.2	43.2	W A	49.9	18.22	17.94	2	49.9	07.7	23.0
Pu	55.0	00.82	00.34	4	55.0	45.4	43.1	Par	60.0	18.14	17.92	4,5	63.2	11.5	22.8
Y	59.5	00.69*	00.26	2,3	53.4	45.2	42.8	R ₃	90.0	17.91	17.85	3	90.0	19.9	23.0
N 7 Y	64.0	00.70	00.32	3	64.0	44.9	43.1	Ci	97.4	17.89	17.88	3	97.4	23.7	24.5
Par	64.4	00.63	00.25	28,5	64.8	45.5	43.7	1386							
9 Y	72.0	00.61	00.31	3,5	72.0	45.0	43.6	L	97.4	57.12	56.61	1	97.4	52.0	34.4
10 Y	80.0	00.49	00.28	2,8	80.0	44.9	43.9	W B	23.4	57.23	56.85	1	23.4	47.2	34.0
Ci	96.9	00.35	00.32	2	96.9	43.1	42.9	Si	40.0	56.77	56.47	3	40.0	43.1	32.8
		Y — 1 ^s						Mü	49.4	56.94	56.69	4	49.4	39.2	30.5
1367								Par	61.4	56.68	56.49	1,2	59.4	41.7	34.7
L	94.4	12.07	08.93	1	94.4	04.3		Gl ₁	80.0	56.69	56.59	4	79.4	37.3	33.8
W B	25.4	11.38	09.17	2	25.4	05.8		Gl ₂	90.2	56.72	56.67	3,4	90.2	33.7	32.0
Par	56.4	10.18	08.89	1	56.3	06.8		Ci	94.5	56.60	56.57	3	94.5	35.0	34.0
Wn	58.4	09.76	08.53	1	58.4	04.8		1387							
Ber	70.9	09.91	09.05	2	71.0	05.4		W B	25.4	47.09	46.72	1	25.4	32.6	40.8
Par	80.5	09.64	09.06	1	80.5	06.8		Wn	58.5	46.69	46.48	1	58.5	34.4	39.0
Ci	96.9	09.09	09.00	2	96.9	05.8		Ber	70.9	46.95	46.80	4	70.8	39.1	42.2
1368								Ber	93.4	46.84	46.81		93.4	41.1	41.8
D'A	83.4	17.97	16.15	1	83.4	18.2	30.4	Ci	97.9	46.75	46.74	2	97.9	40.8	41.0
L	94.4	18.26	16.61	1	94.4	13.3	24.4	1388							
W B	25.4	17.73	16.57	1	25.4	21.0	28.8	L	97.4	55.19	54.45	1	97.4	48.7	06.2
Rü	44.0	17.66	16.79	2	44.0	16.3	22.2	Par	58.9	54.66	54.36	2	58.9	58.7	05.7
Par	56.5	17.47	16.79	1	57.4	22.7	27.2	Par	74.4	54.71	54.53	2	74.4	01.7	06.1
Ber	70.9	17.07	16.64	2	70.9	24.5	27.6	Ka	88.0	54.54*	54.45	6	88.0	03.8	05.9
Ber	93.3	16.71	16.61		93.3	24.8	25.5	Ci	96.9	54.47	54.45	2	96.9	05.8	06.3
Ci	97.9	16.62	16.59	2	97.9	24.8	25.0			Ka — 3 ^s					
1373								1389							
L	95.4	28.05	28.47	1	95.4	11.0	02.6	P	01.1	41.07	41.24	8	01.1	49.8	38.5
W B	23.4	28.24	28.55	1	23.4	13.0	06.9	W B	23.4	41.45	41.58	1	23.4	49.9	41.2
Par	56.5	28.39	28.56	1	56.5	08.3	04.8	Arm	31.4	41.03	41.15	1,5	44.2	47.2	40.8
Par	79.9	28.43	28.51	2,1	80.4	04.7	03.1	Wr	33.0	41.20	41.31	8,0			
Ci	96.8	28.47	28.48	3	96.8	05.2	04.9	Si	40.0	41.19	41.29	2	40.0	46.4	39.6
1375								Pu	45.6	41.15	41.24	5	45.6	46.3	40.1
D'A	83.4	58.44	59.37	4	83.4	23.1	16.0	12 Y	46.0	41.17	41.26	4,9	38.0	48.4	41.3
L	93.3	58.68	59.53	1	93.3	23.0	16.5	Bru	64.7	41.14	41.20	4,2	66.3	44.0	40.2
W B	29.4	58.37	58.93	1	29.4	19.9	15.6	Gl ₁	76.7	41.23	41.27	3,4	77.1	41.8	39.2
Rü	42.0	58.68	59.14	1	42.0	18.8	15.3	10 Y	85.1	41.17	41.20	3,4	85.2	42.1	40.4
R ₁	48.7	58.88	59.29	3	48.8	19.1	16.0	Gl ₂	90.0	41.24	41.26	5	90.0	40.8	39.7
Pu	62.9	59.10	59.40	2	62.9	18.2	15.9	Ci	95.2	41.22	41.23	3	95.2	40.9	40.3
Bru	69.5	59.06	59.30	2,3	69.8	18.5	16.7								
Y	72.8	59.29	59.51	5	73.7	20.4	18.8								
Rmg	75.6	59.22	59.42	4	75.6	17.8	16.3								
B	77.8	59.33	59.51	3	77.8	19.1	17.7								
Ci	96.9	59.27	59.29	2	96.9	16.0	15.8								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1392		s	s			"	"	1406		s	s			"	"
L	90.3	03.19	03.85	2	90.3	52.4	37.1	D'A	83.4	33.75*		1	83.4	07.1	54.9
P	02.9	03.57	04.15	7,10	02.9	51.9	38.4	L	95.0	33.80		2	95.0	09.3	58.3
G	10.0	03.28	03.82		10.0	48.6	36.1	P	02.0	33.67		10	02.0	08.4	58.1
Par	41.1	03.61	03.96	3,1	40.5	45.7	37.4	W B	23.4	33.65		1	23.4	06.7	58.7
R ₁	45.0	03.62	03.95	3,4	45.0	43.6	36.0	Arm				0,5	42.3	03.9	57.9
Pu	46.6	03.72	04.04	4	46.6	44.6	37.2	Par	56.5	33.66		1	56.5	03.1	58.5
Arm	47.0	03.74	04.06	4,5	41.8	44.1	36.0	Bru	66.2	33.75		3,2	64.5	01.7	58.0
R ₂	57.0	03.68	03.94	5,4	56.8	42.4	36.4	Gl ₁	69.1	33.77		3	69.1	00.7	57.5
Bru	61.8	03.65	03.88	3,4	67.2	41.9	37.3	Par	79.4	33.80		1	79.4	01.2	59.0
B	79.4	03.83	03.95	2	79.4	41.1	38.3	Ci	96.9	33.65		2	96.9	58.7	58.4
10 Y	86.5	03.90	03.98	1	86.5	38.6	36.7			D'A — 1s					
Ci	97.4	03.98	04.00	3	97.4	37.7	37.3								
1394								1407							
L	97.4	31.46	31.25	1	97.4	07.4	19.9	D'A	83.3	25.06	24.49	2	83.3	34.8	20.2
W B	23.4	31.36	31.21	2	23.4	09.2	18.5	L	94.5	25.18	24.66	1	94.5	32.8	19.6
Par	58.7	31.25	31.17	3	58.4	13.5	18.6	W B	25.4	25.08	24.71	2	25.4	31.1	21.8
Par	75.9	31.26	31.21	4	75.9	15.7	18.6	Par	40.4	25.00	24.71	1	40.4	30.8	23.4
Ci	96.9	31.27	31.26	2	96.9	19.0	19.4	Rü	44.0	25.01	24.74	1	44.0	25.4	18.4
1395								B	58.1	24.88	24.68	3	58.1	25.4	20.2
F	90.0	07.53	57.30	1	90.0	35.5	49.6	Par	59.0	24.86	24.66	2	59.0	26.2	21.1
G	07.9	06.20	57.64		07.9	39.1	51.0	Ber	70.9	24.73	24.59	2	70.9	24.2	20.6
P M	23.9	05.81	58.73	6	23.9	39.9	49.7	Ber	93.3	24.68	24.65		93.3	22.2	21.4
R ₁	50.2	03.29	58.66	4	45.5	43.0	50.0	Ci	95.9	24.61	24.59	2	95.9	21.0	20.5
Bru	66.3	01.81	58.68	5,3	64.8	45.3	49.8	1408							
9 Y	72.0	01.36	58.76	1	72.0	45.3	48.9	Br	55.8	06.87	07.68	5,4	55.4	28.0	10.2
Rmg	75.0	01.15	58.83	5	75.0	46.1	49.3	Ma	58.3	06.93	07.72	6,5	58.0	27.9	10.4
10 Y	80.0	00.78	58.92	22	80.0	47.4	50.0	P	98.4	07.42	07.99	19,11	97.0	23.0	10.3
Ci	94.5	59.26	58.75	3	94.5	47.8	48.5	Abo	30.0	07.44	07.83	8	30.0	19.3	10.7
1399								J	30.0	07.46	07.85	8	30.0	17.8	09.2
L	99.2	31.98	32.38	1	99.2	35.2	43.3	Cap	30.5	07.36	07.75	2,0			
Dun	85.4	32.17	32.23	1	85.4	41.8	43.0	Cb	32.0	07.43	07.81	7,4	34.0	18.7	10.6
Ci	97.5	32.32	32.33	3	97.5	43.4	43.6	Arm	33.8	07.44	07.81	6,1	52.4	17.3	11.5
1401								Cap	35.6	07.46	07.82	7,5	35.4	17.2	09.3
L	95.4	21.61	22.58	1	95.4	58.4		12 Y	45.0	07.45	07.76	11,6	45.0	17.6	10.8
W B	26.4	22.28	22.96	1	26.4	54.8		6 Y	50.0	07.46	07.74	17,18	50.0	15.4	09.3
Leid	72.1	22.55	22.81	3	72.1	57.7		Y	60.6	07.57	07.79	9,4	57.9	16.6	11.4
Par	81.4	22.96	23.13	1	81.4	58.8		N 7 Y	64.0	07.64	07.84	8	64.0	14.5	10.1
Ci	97.4	22.63	22.65	3	97.4	56.8		9 Y	72.0	07.74	07.90	7	72.0	13.4	10.0
1404								Cor	77.6	07.66	07.79	4,3	77.6	12.3	09.5
L	98.4	12.90	11.19	1	98.4	28.8	24.2	10 Y	80.0	07.69	07.80	10	80.0	12.6	10.1
Par	41.2	12.07	11.08	5,1	39.4	28.7	26.0	R ₃	90.0	07.72	07.79	6	90.0	11.4	10.2
Mü	46.8	12.04	11.15	5	46.8	25.6	23.2	Ci	95.1	07.76	07.79	3	95.1	11.1	10.5
Par	59.1	11.94	11.25	3,1	60.4	26.0	24.2	1409							
Göt ₂	61.5	11.56	10.91	1	61.5	29.5	27.8	W B	27.4	49.96	50.25	2	27.4	59.1	51.1
Par	73.5	11.47	11.02	1	73.5	26.6	25.4	Rü	38.0	49.87	50.12	1	38.0	56.2	49.4
R ₃	85.4	11.41	11.17	5,3	85.4	25.0	24.4	Ber	80.4	50.11	50.19	2	80.4	51.2	49.1
Ci	97.0	11.22	11.17	2	97.0	25.1	25.0	Ci	96.9	50.16	50.17	2	96.9	51.0	50.7
1405								1410							
L	97.4	57.24	56.10	1	97.4	37.3	35.8	L	98.3	10.10	07.80	1	98.3	54.4	
W B	22.4	56.85	55.99	1	22.4	37.3	36.1	W B	23.4	09.22	07.49	1	23.4	47.2	
Mü	44.5	56.87	56.25	1	44.5	37.0	36.2	Rü	41.0	09.16	07.83	2	41.0	45.3	
Par	57.4	56.21	55.74	1	58.3	36.1	35.5	Mü	59.5	08.72	07.80	1	59.5	47.2	
Sj	63.5	56.50	56.10	1	63.5	35.4	34.9	Sj	62.4	08.47	07.62	1	62.4	44.6	
Par	72.4	56.25	55.95	4,3	72.4	36.1	35.7	Par	75.8	08.31	07.76	3	75.8	46.2	
Ka	92.1	56.15	56.06	6	92.1	36.0	35.9	Gl ₁	80.2	08.04	07.59	3,4	76.3	46.9	
Gl ₂	92.3	56.06	55.97	3	92.3	36.1	36.0	Ci	97.5	07.83	07.77	3	97.5	47.0	
Ci	94.4	56.13	56.07	3	94.4	36.5	36.4	1414							
								W B	22.4	01.31	02.24	1	22.4	29.3	19.2
								Mü	45.9	01.63	02.28	2	45.9	26.5	19.5
								Gl ₁	79.3	02.03	02.28	3	78.3	21.7	18.9
								Gl ₂	90.2	02.17	02.29	2,3	90.3	20.5	19.2
								Ci	94.5	02.18	02.25	3	94.5	20.2	19.5

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1416		s	s			//	//	1437		s	s			//	//
L	94.5	39.35	38.98	1	94.5	09.5	54.6	L	90.5	09.47	07.83	1	90.5	04.5*	
W B	25.4	39.37	39.12	2	25.4	04.9	54.4	Harv	80.8	08.05	07.76	6	80.8	06.9	
Wn	58.4	39.14	39.00	1	58.4	01.9	56.0	Ci	95.7	07.86	07.80	4	95.7	06.5	
Ber	72.0	39.14	39.05	3	72.0	59.2	55.3							L + 10''	
Ber	93.4	39.03	39.01		93.4	56.4	55.5	1438							
Ci	97.9	39.11	39.10	2	97.9	54.7	54.4	L	94.4	35.06	35.48	1	94.4	33.8	18.3
1419								W B	25.4	35.46	35.76	2	25.4	28.5	17.5
L	94.8	47.40		2	94.8	23.4	05.3	Wn	58.4	35.62	35.79	1	58.4	24.0	17.9
W B	26.4	47.96		2	26.4	14.9	02.9	Par	59.5	35.24	35.40	1	59.5	23.1	17.1
Par	72.8	47.54		6,5	73.3	09.6	05.2	Ber	71.9	35.36	35.47	4	71.6	22.1	17.9
Ber	80.4	47.52		3	80.4	08.4	05.2	Par	80.5	35.34	35.42	1	80.5	20.9	18.1
Cb	82.5	47.52		7	82.5	08.8	05.9	Ci	97.5	35.42	35.43	3	97.5	18.6	18.2
Ci	97.0	47.55		2	97.0	05.2	04.7	1439							
1423								L	94.4	59.30	58.46	1	94.4	18.6	58.6
L	94.8	59.46	55.33	2	94.8	19.6	34.9	W B	26.5	59.46	58.87	2	26.5	10.7	56.8
W B	27.5	58.53	55.68	2	27.5	42.7	34.7	Rü	44.0	59.43	58.98	1	44.0	07.4	56.8
Par	59.9	56.97	55.39	2	59.9	08.5	37.3	Leid	71.4	58.85	58.62	2	71.4	02.2	56.8
Par	70.5	56.55	55.39	1	70.5	15.2	36.4	Par	81.5	59.06	58.91	2	81.5	03.0	59.5
Cb	78.7	56.31	55.47	4	78.7	21.3	36.6	Ci	97.2	58.72	58.70	3	97.2	59.2	58.7
Ci	98.5	55.52	55.46	2	98.5	34.0	35.1	1441							
1426								L	98.4	53.47	52.76	1	98.4	34.3	47.8
W B	25.5	48.81	48.96	1	25.5	45.4	34.2	Par				0,1	40.5	35.5	43.4
Ber	71.4	48.86	48.92	2	71.8	38.9	34.7	Cap	52.5	53.42	53.09	2,1	50.3	39.7	46.3
Ber	93.1	48.99	49.00		93.1	35.9	34.9	B	53.4	53.43	53.10	1	53.4	38.6	44.8
Ci	98.0	48.96	48.96	2	98.0	34.2	33.9	Par	57.5	53.24	52.94	1	57.5	39.6	45.3
1427								Y	66.2	53.22	52.98	3,4	57.0	39.1	44.8
L	98.4	21.29		1	98.4	10.5	19.9	Tac	68.5	53.01	52.79	2	68.5	42.4	46.6
W A	50.1	21.29		3	50.1	14.6	19.2	Bru	70.2	53.14	52.93	4,2	68.5	42.0	46.2
Par	58.8	21.23		2,1	58.3	14.9	18.8	Cor	77.5	53.14	52.98	5	77.5	42.6	45.6
Ber	65.0	21.38		2	65.0	14.5	17.8	Par	79.5	53.05	52.91	1	79.5	43.2	45.9
Par	70.5	21.27		1	70.5	17.0	19.7	R ₃	85.5	53.11	53.01	3	85.5	43.6	45.5
Cap	80.5	21.28		3	80.5	17.0	18.8	Ci	97.5	52.86	52.84	3	97.5	44.8	45.1
R ₃	90.4	21.34		3	90.4	20.0	20.9	1442							
Ci	97.0	21.26		2	97.0	19.4	19.7	W B	25.5	49.42	49.72	1	25.5	34.7	57.1
1429								Rü	44.0	49.53	49.75	1	44.0	37.8	54.6
L	99.2	48.91		1	99.2	24.4*	07.6	Ber	70.8	49.66	49.78	3	70.8	48.9	57.7
W B	27.4	49.13		2	27.4	18.6	06.5	Ber	93.3	49.69	49.72		93.3	54.9	56.9
Par	60.9	49.06		4,3	61.8	13.9	07.5	Ci	98.2	49.73	49.74	3	98.2	55.3	55.8
Par	75.7	49.19		4	75.7	10.9	06.9	1443							
Ber	80.4	49.06		2	80.4	09.6	06.3	Ma	56.4	06.37	05.72	5	56.4	37.3	55.3
Ci	97.2	49.07		3	97.2	08.1	07.6	P	99.4	06.10	05.65	12	00.5	44.6	57.0
						L + 10''		Cap	37.4	05.92	05.64	10,2	40.2	49.7	57.2
1430								W A	49.5	06.07	05.84	1,2	50.5	52.0	58.2
L	99.0	57.18	54.69	2	99.0	39.3	56.9	Cap	51.6	05.82	05.60	1	50.2	53.3	59.5
W B	28.0	56.54	54.76	2	28.0	45.0	57.5	Y	63.4	05.85	05.69	3,5	71.9	53.2	56.7
B	57.5	55.50	54.45	1	57.5	48.5	55.9	Cor	74.6	05.88	05.77	4	74.6	54.4	57.6
Leid	72.4	55.44	54.76	2	72.4	52.3	57.1	Cap	78.4	05.78	05.68	3	78.4	54.1	56.8
Par	81.5	55.25	54.79	1	81.5	54.5	57.7	R ₃	80.5	05.77	05.68	3	80.5	53.2	55.6
Ci	97.0	54.82	54.75	2	97.0	56.4	56.9	10 Y	85.5	05.64	05.57	2	85.5	53.2	55.0
1432								Go	86.0	05.72	05.66	6	86.0	55.4	57.1
L	95.4	32.61		1	95.4	26.2	38.8	Ci	97.5	05.70	05.69	3	97.5	55.6	55.9
W B	23.4	32.15		1	23.4	27.8	37.0	1445							
Gl ₁	73.0	32.54		2,3	74.8	34.4	37.4	L	94.5	18.86		1	94.5	52.4	46.1
Gl ₂	88.5	32.64		2	91.2	35.1	36.0	W B	23.4	19.12		1	23.4	54.6	50.0
Ci	94.5	32.60		3	94.5	37.6	38.3	Rü	42.0	18.72		1	42.0	49.5	46.0
1436								Par	56.5	18.77		1	58.4	51.6	49.1
L	99.4	49.01	47.79	1	99.4	05.5*	21.7	Mü	62.0	18.71		2	62.0	49.5	47.2
Par	40.5	48.36	47.64	1,0				Par	79.4	18.78		1	79.4	51.1	49.9
W A	49.5	48.55	47.94	1	49.5	16.6	24.7	Gl ₂	92.3	18.99		3	92.3	46.2	45.7
Par	59.5	48.20	47.71	1	59.5	14.5	21.0	Ci	95.2	18.89		3	95.2	47.8	47.5
Cor	78.6	48.11	47.85	4	78.6	21.5	24.9								
Par	79.4	48.38	48.13	1	79.4	20.8	24.1								
Ci	97.5	47.81	47.78	3	97.5	21.8	22.2								
						L - 10''									

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1447		s	s			"	"	1456		s	s			"	"
Br	55.6	02.22	00.31	11,3	54.8	44.1	51.1	L	97.4	25.03	24.62	1	97.4	09.7	15.0
P	00.3	01.92	00.60	9	00.3	43.5	48.4	P	03.8	25.09	24.70	7	03.8	14.7	19.7
Arm	31.6	01.15	00.25	7,6	51.9	46.6	49.0	Sj	63.4	24.85	24.70	1	63.4	13.8	15.7
Par	42.3	01.10	00.34	34,8	40.8	46.3	49.2	Par	74.5	24.78	24.68	6	74.5	16.7	18.0
Rü	43.0	01.03	00.28	4	43.0	47.1	49.9	Cor	77.6	24.81	24.72	4	77.6	17.2	18.4
Pu	55.0	01.00	00.41	4	55.0	47.4	49.6	R ₃	83.4	24.79	24.72	3	83.4	17.9	18.8
7 Y	60.0	00.89	00.36	3	60.0	47.5	49.5	Ci	97.5	24.69	24.68	3	97.5	18.9	19.0
Bru	67.3	00.78	00.35	4,2	65.0	47.6	49.3								
10 Y	80.0	00.61	00.35	3,4	80.0	49.5	50.5								
Ci	95.0	00.48	00.41	4	95.0	49.6	49.8								
1449								1457							
Br				0,2	54.5	09.4	26.1	L	98.3	36.40	35.69	1	98.3	55.1	43.8
P	99.5	12.79	11.94	15,10	00.5	14.2	25.6	W B	22.5	36.11	35.57	1	22.5	54.9	46.3
Arm	33.0	12.55	11.99	4,1	54.4	21.4	26.6	Si	40.0	36.30	35.88	3	40.0	50.7	44.0
Rü	44.0	12.52	12.04	4	44.0	20.1	26.5	Par	59.5	35.89	35.61	1	59.5	47.7	43.2
Pu	50.2	12.50	12.08	4	50.2	20.4	26.1	Göt ₂	60.0	35.99	35.71	2	60.0	48.5	44.1
Y	59.8	12.31	11.97	3,6	53.9	20.3	25.6	Sj	63.5	35.89	35.63	1	63.5	47.6	43.6
7 Y	60.1	12.37	12.03	3	60.1	21.1	25.7	Par	71.8	35.82	35.62	3	71.8	48.4	45.3
Bru	67.3	12.29	12.01	5,2	63.9	22.1	26.3	Gl ₁	71.9	35.87	35.67	2,6	77.5	47.0	44.5
N 7 Y	67.4	12.35	12.07	2	67.4	22.6	26.3	R ₃	87.5	35.82	35.73	4	87.5	45.8	44.4
9 Y	76.0	12.23	12.03	4,6	74.5	23.5	26.4	Ci	97.2	35.73	35.71	3	97.2	45.1	44.8
10 Y	81.4	12.15	11.99	3	81.4	23.2	25.3								
Ci	97.5	12.01	11.99	3	97.5	25.6	25.9	1458							
1450								L	90.3	42.51	41.40	1	90.3	26.7	40.2
Ma	56.5	22.01	22.58	2,1	56.5	57.3	08.8	G	11.5	42.49	41.60		11.5	30.4	41.3
P	00.6	22.59	22.99	18,12	99.4	06.8	14.8	R ₁	47.5	42.08	41.55	2,3	45.9	34.0	40.7
Cap	40.2	22.63	22.87	4,2	40.2	08.9	13.7	Bru	68.3	41.89	41.57	4	67.5	37.7	41.7
W A	50.2	22.84	23.04	3	50.2	11.7	15.7	B	75.7	41.69	41.44	3	75.7	37.0	40.0
Cap	52.5	22.68	22.87	3,2	51.6	09.5	13.4	Par	81.5	41.80	41.61	1,2	81.4	39.1	41.4
Y	64.5	22.70	22.84	3,2	65.5	12.3	15.1	Ci	97.0	41.55	41.52	2	97.0	40.2	40.6
Bru	67.9	22.66	22.79	5,3	65.1	11.6	14.4	1461							
Cor	74.5	22.75	22.85	5	74.5	13.4	15.4	Br				0,1	52.1	51.5	42.0
Cap	78.5	22.77	22.86	2	78.5	12.9	14.6	L	90.5	21.68	20.87	1	90.5	47.2	40.2
Go	85.8	22.79	22.85	5,6	85.8	14.1	15.2	P	96.5	22.02	21.25	12,10	96.5	50.9	44.3
Ci	97.5	22.85	22.86	3	97.5	13.5	13.7	G	09.5	21.64	20.97		09.5	45.8	40.0
1451								Rü	43.0	21.46	21.04	1	43.0	43.3	39.7
L	94.4	38.56	37.46	1	94.4	06.7	37.4	Arm	45.1	21.59	21.18	5	46.5	46.6	43.2
W B	25.4	38.89	38.11	2	25.4	16.3	38.0	R ₁	46.0	21.68	21.28	4,5	45.9	45.1	41.6
Par	59.5	38.50	38.08	1	59.5	24.5	36.3	Par	47.5	21.53	21.14	9,1	46.4	45.3	41.9
Ber	69.5	38.47	38.15	2	69.5	27.9	36.8	Pu	55.0	21.44	21.11	4	55.0	45.6	42.7
Par	71.5	38.43	38.13	1	71.5	28.3	36.6	B	74.4	21.29	21.10	2	74.4	44.3	42.7
Ber	93.4	38.16	38.09		93.4	35.6	37.5	Beck	75.0	21.45	21.26	4	75.0	44.3	42.7
Ci	97.5	38.15	38.12	3	97.5	37.0	37.7	Ci	96.5	21.17	21.14	3	96.5	43.1	42.9
1452								1462							
L	99.4	24.54	24.21	1	99.4	36.7	41.2	L	97.4	48.81	48.47	1	97.4	05.9	56.9
P	01.5	24.71	24.38	14,12	00.0	44.0	48.5	P	04.8	48.71	48.40	7,8	05.4	05.3	57.0
Par	40.5	24.49	24.29	2	40.5	43.0	45.7	Mü	43.0	48.65	48.46	2	43.0	02.9	57.9
W A	50.1	24.69	24.53	3	50.1	44.9	47.1	Göt ₂	59.4	48.58	48.45	3	59.4	01.6	58.0
Par	57.5	24.53	24.39	3,1	57.5	44.9	46.8	Par	61.3	48.23	48.10	1,0			
Bru	68.4	24.44	24.34	3,4	65.7	46.0	47.5	Sj	62.5	48.50	48.38	1	62.5	01.3	58.0
Cor	79.1	24.46	24.39	6	79.1	47.3	48.2	Par	75.9	48.46	48.38	4,5	76.1	00.9	58.8
R ₃	89.5	24.46	24.43	3	89.5	46.8	47.3	Alb	80.4	48.57	48.50	3	80.4	59.4	57.7
Ci	97.0	24.39	24.38	2	97.0	47.1	47.2	Ci	97.2	48.44	48.43	3	97.2	57.5	57.3
1454								1463							
L	94.4	15.76	14.64	1	94.4	37.6	42.9	L	94.4	52.08	52.63	1	94.4	32.2	19.4
W B	25.5	15.61	14.82	1	25.5	41.9	45.6	W B	23.4	51.82	52.22	1	23.4	27.5	18.2
Ber	72.4	14.99	14.70	2	72.4	42.9	44.3	Par	58.5	52.10	52.32	1	58.5	24.6	19.6
Ber	93.4	14.75	14.68		93.4	41.8	42.1	Par	71.5	52.50	52.65	1	71.5	23.5	20.1
Ci	98.2	14.74	14.72	3	98.2	44.0	44.1	Gl ₁	72.1	52.36	52.51	4	74.7	21.3	18.2
1455								Gl ₂	88.8	52.41	52.47	6,4	89.3	18.0	16.7
W B	23.4	32.92	32.77	1	23.4	58.0	52.6	Ci	94.3	52.37	52.40	4,3	94.3	20.3	19.6
B	56.5	33.12	33.03	1	56.5	54.5	51.5	1464							
Gl ₁	76.4	33.07	33.02	3,5	79.9	53.1	51.7	W B	22.5	56.26	55.80	1	22.5	01.8	12.7
Gl ₂	91.4	33.08	33.06	3,2	91.2	49.5	48.9	Mü	48.8	56.68	56.37	3	48.8	07.3	14.5
Ci	94.3	32.85	32.84	4	94.3	52.6	52.2	Göt ₂	61.4	56.77	56.54	2	61.4	07.2	12.6
								Si	62.5	56.47	56.24	2	62.5	08.5	13.8
								Göt ₁	67.9	56.64	56.45	2	67.9	08.1	12.6
								R ₃	92.4	56.44	56.40	3	92.4	11.5	12.6
								Ci	97.5	56.43	56.41	3,4	97.5	13.0	13.3

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1465		s	s			//	//	1474		s	s			//	//
D'A	83.5	00.97	59.83	1	83.5	31.0	19.9	L	99.3	53.47	51.76	1	99.3	09.1	
L	97.4	00.94	59.94	1	97.4	23.6	13.9	W B	26.5	53.04	51.79	1	26.5	07.7	
Mü	51.5	00.45	59.97	9	51.5	24.2	19.6	Rü	44.0	51.90	50.95	1	44.0	10.0	
Par	56.4	00.23	59.80	1	56.4	25.0	20.9	Par	58.0	52.16	51.45	2,1	58.5	09.0	
Göt ₂	59.9	00.16	59.77	2	59.9	24.2	20.4	B	65.5	52.38	51.79	2	65.5	08.7	
Sj	62.9	00.27	59.91	2	62.9	23.4	19.9	Par	71.7	52.20	51.72	5,4	70.5	08.5	
Par	72.5	00.14	59.87	1	72.5	24.0	21.4	Ber	81.4	52.02	51.71	3	81.4	07.7	
Alb	80.9	00.11	59.92	3	80.9	22.5	20.7	Ci	97.2	51.83	51.78	3	97.2	08.2	
Ci	97.5	59.92	59.90	3	97.5	19.7	19.5								
1466								1476							
L	98.3	41.63	40.10	1	98.3	08.4	47.6	Br	55.3	52.43	51.66	1,0			
W B	22.4	40.78	39.62	1	22.4	09.4	53.5	L	97.4	51.41	50.87	1	97.4	11.7	13.2
Mü	50.5	40.88	40.14	13	49.3	03.1	52.7	12 Y	43.0	51.34	51.04	4,6	42.0	17.5	18.4
Par	57.6	40.80	40.16	1	61.5	59.6	51.7	Arm	43.5	51.41	51.11	2,0			
Göt ₂	61.4	40.80	40.22	1	61.4	59.7	51.8	Par	47.9	51.36	51.08	2,1	46.5	17.4	18.2
Y	64.9	40.62	40.09	2	68.5	58.0	51.5	Pu	55.0	51.27	51.03	5	55.0	17.9	18.6
Par	73.5	40.59	40.19	2	73.5	57.7	52.3	Par	58.8	51.21	50.99	5,2	60.4	18.4	19.0
Gl ₁	75.4	40.54	40.17	3,4	77.2	56.8	52.1	Y	59.8	51.22	51.01	4	59.7	19.1	19.7
Ci	97.5	40.14	40.10	3	97.5	51.6	51.1	Bru	66.0	51.27	51.09	4	69.0	17.8	18.3
								Par	69.8	51.19	51.03	3	69.8	18.4	18.9
								Beck	75.0	51.23	51.10	5	75.0	18.1	18.5
								Alb	80.8	51.13	51.03	3,4	80.7	18.6	18.9
								Ci	94.5	51.02	50.99	3	94.5	18.7	18.8
1467								1477							
L	99.2	38.00	38.64	2	99.2	41.2	27.3	L	99.4	45.88	44.61	1	99.4	33.6	59.3
W B	26.5	38.09	38.55	1	26.5	35.9	25.8	W A	51.5	45.60	44.99	1	51.5	45.3	57.7
Par	57.7	38.19	38.46	3,1	58.5	32.7	27.0	B	54.6	45.34	44.77	1	54.6	45.6	57.2
Par	70.7	38.35	38.53	4	70.7	30.2	26.2	Y	63.5	45.10	44.66	2	65.5	48.5	57.3
Ber	80.5	38.46	38.58	2	80.5	28.7	26.0	R ₃	86.5	44.86	44.70	3	86.5	54.6	58.0
Ci	97.5	38.57	38.58	4	97.5	27.7	27.4	Ci	97.0	44.76	44.72	2	97.0	58.3	59.1
1468								1478							
L	98.4	06.94	05.98	1	98.4	39.2	03.2	L	98.4	31.30	30.61	1	98.4	27.7	39.7
W B	23.5	06.98	06.25	1	23.5	43.8	01.9	W B	24.4	31.24	30.73	1	24.4	30.0	38.9
Mü	50.5	06.75	06.28	2	50.5	46.8	58.5	Mü	47.5	31.09	30.73	1	47.5	33.9	40.1
Par	59.9	06.66	06.28	2	59.5	51.3	00.9	Par	57.5	30.87	30.58	1	57.5	35.2	40.2
Bru	61.6	06.59	06.22	10,6	67.5	54.1	01.8	Si	60.0	30.81	30.54		60.0	33.6	38.3
Si	62.5	06.57	06.21	2	62.5	52.3	01.1	Par	70.5	30.79	30.59	1	70.5	35.3	38.8
Sj	63.4	06.67	06.32	1	63.4	53.1	01.7	R ₃	88.8	30.63	30.56	3	88.8	38.0	39.3
Par	76.5	06.48	06.26	3	76.5	56.4	01.9	Ci	97.0	30.68	30.66	2	97.0	39.3	39.6
Ci	94.5	06.23	06.18	3	94.5	01.0	02.3								
1469								1481							
W B	22.9	53.76	54.07	2	22.9	10.2	43.2	W B	22.5	07.18	07.41	2	22.5	28.6	20.8
Mü	51.5	54.04	54.23	2	51.5	58.7	41.7	Si	40.0	07.35	07.53	3	40.0	24.6	18.6
Gl ₁	74.4	54.28	54.38	2,3	76.4	50.7	42.4	Par	41.4	07.45	07.63	1,0			
Gl ₂	89.3	54.22	54.26	3,4	90.3	47.1	43.7	Mü	61.5	07.42	07.54	4,3	58.8	24.5	20.4
Ci	94.5	54.16	54.18	3	94.5	45.0	43.1	Sj	63.5	07.42	07.53	1	63.5	23.9	20.3
								Alb	81.0	07.40	07.46	2,3	80.8	22.2	20.3
								Ci	97.0	07.48	07.49	2	97.0	20.2	19.9
1471														Sj + 10''	
W A	50.0	32.51	32.26	2	50.0	43.7	49.2	1482							
Ci	94.3	32.27	32.24	4	94.3	48.5	49.1	F	90.0	30.51	32.84	1	90.0	51.3	11.8
1472								G	12.5	31.32	33.18		12.5	54.1	10.2
W B	25.5	33.94	33.51	2	25.5	55.1	36.5	R ₁	46.5	32.01	33.14	5,6	46.5	00.1	10.1
Ber	81.4	33.54	33.43	3	81.4	40.4	35.8	Par	53.2	31.79	32.79	10,5	52.3	01.4	10.3
Ci	97.2	33.54	33.52	3	97.2	37.5	36.8	Bru	66.4	32.37	33.08	5,3	61.4	03.2	10.5
								Y	72.7	32.32	32.90	4,7	69.2	06.1	11.8
								9 Y	75.7	32.29	32.80	5,15	73.9	06.2	11.0
								10 Y	83.5	32.52	32.87	8,19	81.8	07.4	10.8
1473								Ci	96.5	32.99	33.06	3	96.5	10.1	10.8
L	90.5	47.57	49.32	1	90.5	48.6	38.1	1483							
O A	41.4	47.97	48.91	1	41.4	45.3	39.7	L	99.3	01.83	02.13	1	99.3	51.5	40.4
Par				0,1	41.5	45.7	40.1	W B	26.5	02.19	02.41	1	26.5	48.7	40.6
R ₁	47.2	48.47	49.31	3,5	49.3	43.0	38.1	Ber	81.4	02.12	02.18	2	81.4	42.2	40.2
Harv	72.5	48.89	49.33	2	72.5	40.9	38.3	Par	81.4	02.22	02.28	2	81.4	41.5	39.5
Par	81.5	49.02	49.32	2	81.5	40.6	38.8	Ci	97.0	02.23	02.24	2	97.0	41.2	40.9
Ci	97.5	49.19	49.23	3	97.5	38.8	38.6								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1485		s	s			//	//	1495		s	s			//	//
W B	24.4	20.82	19.91	1	24.4	28.8	22.8	L	98.5	53.83	53.47	1	98.5	52.8	04.0
Y	61.7	20.30	19.84	5.4	56.0	24.6	21.1	W B	24.4	53.99	53.73	1	24.4	53.6	01.9
Mü	62.5	20.48	20.04	1	62.5	24.7	21.7	Mü	55.0	53.67	53.51	2	55.0	01.7	06.7
R ₃	91.5	19.86	19.76	3	91.5	23.3	22.6	Par	56.6	53.77	53.62	1	59.5	59.6	04.1
Ci	97.0	19.94	19.90	2	97.0	22.7	22.5	Cor	80.7	53.58	53.51	3	80.7	02.7	04.8
1487								R ₃	85.5	53.65	53.60	3	85.5	01.8	03.4
L	00.0	49.20	48.79	2	00.0	16.3	26.1	Ci	97.5	53.62	53.61	3	97.5	02.3	02.6
Par	47.4	49.22	49.00	1.0				1497							
W A	49.4	49.03	48.83	1	49.4	21.0	25.9	Br	56.2	21.98	21.76	6.1	54.6	59.1	39.9
Par	57.5	48.95	48.78	1	57.5	20.4	24.6	P	00.3	22.14	21.99	9	00.3	55.7	42.5
Par	79.5	48.89	48.81	1	79.5	24.6	26.6	W B	22.9	21.97	21.85	2	22.9	50.1	39.9
Cor	80.7	48.89	48.81	2	80.7	23.0	24.9	12 Y	38.0	21.80	21.71	5.13	38.0	47.6	39.4
Ci	97.5	48.89	48.88	3	97.5	25.6	25.8	Arm	39.7	21.93	21.84	14.5	37.7	47.9	39.7
1488								Par	47.4	21.82	21.74	2	47.5	47.9	41.0
L	98.4	55.03	54.60	1	98.4	22.7	35.8	Pu	55.0	21.89	21.82	4	55.0	45.4	39.5
P	01.6	55.10	54.69	18	01.6	22.1	34.8	R ₂	57.3	21.72	21.66	5.4	55.3	45.6	39.7
Cap	30.2	55.21	54.92	3.0				Bru	68.0	21.92	21.87	4.3	64.5	44.9	40.2
Par	42.5	55.13	54.89	4.2	44.5	25.9	33.1	Beck	75.0	21.90	21.86	4	75.0	43.1	39.8
W A	51.0	54.90	54.69	2	51.0	26.9	33.2	Ci	94.5	21.88	21.87	3	94.5	41.4	40.6
Cap	51.6	55.10	54.90	3.1	50.5	27.5	33.9	1498							
Par	55.4	55.03	54.84	1	59.5	29.4	34.6	L	00.0	50.29	49.98	2	00.0	46.0	53.6
Cor	78.6	54.96	54.87	7	78.6	32.4	35.2	W B	24.5	49.91	49.68	1	24.5	48.3	54.0
R ₃	89.5	54.86	54.82	3	89.5	33.5	34.9	P M	32.7	50.24	50.03	7	32.7	49.6	54.7
Ci	97.5	54.85	54.84	3	97.5	33.8	34.1	Par	55.4	50.07	49.93	1.2	58.4	51.0	54.2
1489								Mü	57.9	50.19	50.06	3	57.9	47.5	50.7
Ma	56.5	01.55	02.06	2	56.5	03.0	11.6	Si	62.5	50.17	50.05	2	62.5	50.5	53.4
Br	58.4	02.09	02.60	1	58.4	00.9	09.5	Y	64.5	50.07	49.96	2	68.5	52.5	54.9
P	98.2	01.44	01.81	23.26	97.4	09.0	15.2	Par	70.5	50.13	50.04	1	70.5	52.8	55.0
L	00.5	01.68	02.04	1	00.5	02.1	08.1	R ₃	85.5	49.99	49.95	3	85.5	53.3	54.4
Cap				0.1	34.5	08.8	12.7	Ci	97.5	50.02	50.01	3	97.5	53.6	53.8
Arm	31.5	01.65	01.90	6.1	47.5	07.0	10.2	1500							
Par	43.0	01.75	01.96	18.4	42.2	08.8	12.3	L	94.4	42.69	41.03	1	94.4	03.7	17.4
W A	49.5	01.75	01.93	1	49.5	09.0	12.0	W B	23.4	42.37	41.17	2	23.4	06.3	16.2
Cap	52.5	01.69	01.86	3.2	51.4	09.1	12.0	Par	58.5	41.58	40.93	1	58.5	10.7	16.1
7 Y	56.4	01.81	01.97	8	56.4	09.6	12.2	Gl ₁	72.8	41.58	41.15	3	71.8	13.6	17.3
Y	62.5	01.82	01.95	3.4	70.7	09.5	11.3	Par	79.4	41.39	41.07	1	79.4	15.5	18.2
Cor	74.6	01.85	01.94	4	74.6	12.7	14.2	Gl ₂	90.2	41.28	41.13	3	90.2	15.2	16.5
Cap	78.5	01.79	01.87	3	78.6	10.9	12.2	Ci	94.5	41.19	41.10	3	94.5	16.1	16.8
10 Y	79.5	01.83	01.90	3	79.5	09.4	10.6	1501							
R ₃	84.8	01.81	01.86	3	84.8	11.6	12.5	L	94.5	59.23	00.02	1	94.5	37.2*	54.1
Ci	97.0	01.94	01.95	2	97.0	11.3	11.5	Mü	51.0	00.16	00.53	2	51.0	46.1	53.9
1491								Par	57.4	59.61	59.93	1	57.4	48.3	55.1
L	94.5	55.25	55.99	1	94.5	59.9	14.2	Sj	63.4	59.87	00.14	1	63.4	48.7	54.5
W B	25.3	55.87	56.39	2	25.3	06.4	16.6	Par	77.2	59.76	59.93	6.4	77.0	50.8	54.5
Par				0.1	60.4	09.1	14.5	Ka	83.9	59.97	00.09	6	83.9	52.0	54.6
Ber	70.1	55.86	56.07	2	70.1	10.6	14.7	Dun	84.9	59.97	00.08	2	84.9	51.4	53.8
Wn	75.5	55.87	56.04	2	75.5	13.6	16.9	R ₃	90.2	59.91	59.98	3	90.2	53.4	55.0
Par	79.5	55.83	55.97	1	79.5	13.0	15.8	Ci	97.0	59.94	59.96	2	97.0	53.8	54.3
Ber	93.4	56.01	56.06		93.4	14.2	15.1	1502							
Ci	98.0	56.02	56.03	2	98.0	14.2	14.5	L	97.4	39.20	38.70	1	97.4	44.2	58.6
1493								W B	24.5	39.38	39.01	1	24.5	48.2	58.8
L	99.4	41.30	41.46	1	99.4	45.4	55.8	Par	57.0	38.89	38.68	2	57.0	49.7	55.7
P	10.5	41.11	41.24	4	10.5	47.5	56.7	Mü	61.6	39.10	38.91	3.2	60.6	50.1	55.6
B	53.5	41.47	41.54	1	53.5	51.4	56.2	Arm ₂	67.7	38.97	38.81	5	67.7	50.2	54.7
Par	57.5	41.18	41.24	2.3	56.8	49.7	54.2	Par	77.5	38.99	38.88	1	77.5	52.0	55.1
Cor	79.5	41.26	41.29	3	79.5	53.6	55.7	Cor	77.6	39.00	38.89	4	77.6	54.5	57.6
R ₃	90.2	41.32	41.33	3	90.2	54.5	55.5	R ₃	84.6	38.90	38.82	3	84.6	56.2	58.4
Ci	97.5	41.31	41.31	3	97.5	55.8	56.1	Ci	97.0	38.85	38.84	2	97.0	57.9	58.3
1494								1503							
L	94.4	39.01	37.68	1	94.4	46.8	29.5	L	97.4	33.22	33.32	1	97.4	37.5	47.2
W B	22.9	39.06	38.09	2	22.9	41.4	28.8	W B	23.5	33.60	33.68	1	23.5	33.4	40.7
Par	56.4	38.33	37.78	1	56.4	38.3	31.2	Mü	51.5	33.39	33.44	2	51.5	43.4	48.0
Par	72.4	38.10	37.75	1	72.4	35.0	30.5	Par	58.4	33.39	33.43	1.2	58.0	40.4	44.4
Gl ₁	72.9	38.12	37.78	2.3	76.1	33.6	29.7	Par	74.5	33.42	33.45	3.1	74.5	42.1	44.5
Gl ₂	91.2	37.95	37.84	3.2	91.2	29.2	27.8	R ₃	92.1	33.44	33.45	3	92.1	43.9	44.7
Ci	95.2	37.88	37.82	3	95.2	30.2	29.4	Ci	97.5	33.44	33.44	3	97.5	44.1	44.3

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1504		s	s			//	//	1517		s	s			//	//
L.	94.5	58.32	57.32	1	94.5	24.7	10.1	L.	90.5	12.87	11.99	1	90.5	25.7	40.0
W B.	22.5	57.70	56.96	1	22.5	18.5	07.8	O A.	42.5	12.36	11.90	1	42.5	29.9	37.4
Si.	39.5	57.82	57.25	3	39.5	16.4	08.1	Harv.	71.6	12.07	11.84	4	71.6	36.3	40.0
Par.	57.1	57.65	57.24	5,3	58.9	15.3	09.6	Par.	81.6	12.02	11.87	2,3	81.5	37.1	39.5
Sj.	62.5	57.65	57.29	1	62.5	15.2	10.0	Ci.	94.5	11.91	11.87	3	94.5	37.9	38.6
Mü.	62.5	57.41	57.05	6	62.5	13.1	07.9								
Bru.	67.6	57.52	57.21	5,4	67.3	13.8	09.3	1518							
Par.	71.6	57.54	57.27	1	71.6	13.4	09.5	L.	97.4	38.12		1	97.4	15.4	32.7
Gl ₁	73.1	57.52	57.26	6	71.3	11.7	07.8	W B.	24.5	38.00		1	24.5	22.8	35.6
Ci.	94.5	57.33	57.28	3	94.5	10.1	09.3	Si.	41.7	38.14			41.7	25.0	34.8
								Par.	47.5	38.37		1	47.5	23.9	32.8
1506								Mü.	55.5	38.40		3	55.5	26.2	33.7
W B.	29.5	32.67	31.43	1	29.5	42.3	00.6	Par.	57.4	38.25		2,3	57.5	24.9	32.1
Rü.	41.0	32.34	31.30	2	41.0	41.9	57.2	Y.	60.0	38.34		2	57.0	24.6	31.9
Ber.	80.9	31.69	31.35	4	80.9	54.2	59.2	Par.	75.0	38.35		4	75.0	27.8	32.0
Ci.	97.0	31.43	31.38	2	97.0	57.8	58.6	Cor.	78.6	38.51		4	78.6	29.7	33.3
								R ₃	90.0	38.36		3	90.0	31.8	33.5
1509								Ci.	96.5	38.32		3	96.5	33.1	33.7
W B.	27.0	18.48	17.39	2	27.0	40.1	29.9	1519							
Ber.	81.4	17.72	17.44	2	81.4	32.0	29.4	L.	94.5	57.79	55.89	2	94.5	03.4	14.2
Ci.	97.0	17.45	17.40	2	97.0	30.3	29.9	W B.	22.5	57.48	56.08	1	22.5	07.7	15.6
								Göt.	58.5	56.80	56.05	1	58.5	11.8	16.0
1512								Mü.	63.6	56.63	55.97	3	63.6	10.4	14.1
L.	94.4	38.01	37.32	1	94.4	20.3	03.8	Par.	73.5	56.48	56.00	3	73.5	12.7	15.4
W B.	28.5	37.63	37.17	1	28.5	18.2	07.0	Gl ₁	75.9	56.22	55.79	4,3	76.1	11.1	13.5
Rü.	38.0	37.69	37.29	1	38.0	16.1	06.4	Gl ₂	91.4	56.32	56.17	2	91.4	14.9	15.8
Ber.	69.5	37.49	37.29	2	69.5	09.9	05.1	Ci.	97.0	56.05	56.00	2	97.0	14.2	14.5
Ci.	98.0	37.31	37.30	2	98.0	05.0	04.7								
								1520							
1513								W B.	28.5	20.04	20.25	1	28.5	27.8	20.0
W B.	23.0	47.59	47.20	2	23.0	00.6	45.7	Ber.	69.5	20.07	20.15	2	69.5	25.3	21.9
Si.	40.0	47.77	47.46	3	40.0	57.6	46.0	Ber.	93.4	20.09	20.11		93.4	21.4	20.7
Mü.	44.5	47.52	47.24	1	44.5	54.9	44.2	Ci.	98.0	20.19	20.20	2	98.0	20.5	20.3
Gl ₂	92.3	47.33	47.29	2	92.3	47.7	46.2								
Ci.	94.5	47.29	47.26	3	94.5	46.7	45.6	1523							
								L.	99.5	19.99	20.90	1	99.5	02.8	45.5
1514								W B.	26.5	20.84	21.51	1	26.5	59.9	47.3
Br.	55.0	59.78	00.53	1,0				Rü.	42.0	20.50	21.03	1	42.0	58.6	48.6
Ma.	56.5	59.87	00.61	3	56.5	33.7	45.6	Ber.	80.4	20.81	20.99	2	80.4	49.9	46.5
P.	96.9	59.97	00.51	24,18	96.7	38.0	46.6	Ci.	97.2	20.90	20.93	3	97.2	46.4	45.9
L.	00.0	00.35	00.87	2	00.0	34.0	42.3	1526							
Cap.	39.6	00.36	00.67	3,0				Br.	54.0	16.06	15.67	14,6	56.2	43.2	01.1
Cap.	52.6	00.34	00.59	1,2	51.1	41.4	45.5	Ma.	57.1	15.92	15.53	4	57.5	43.1	00.8
B.	53.5	00.27	00.51	1	53.5	42.8	46.7	P.	04.2	15.99	15.73	11,12	04.5	47.8	59.6
Par.	58.6	00.36	00.58	1	58.6	42.1	45.5	Cap.	35.6	15.85	15.68	3,2	40.4	54.2	01.6
Y.	64.0	00.42	00.61	2	67.1	43.4	46.1	12 Y.	38.0	15.75	15.58	4,8	38.0	53.4	01.1
Tac.	67.6	00.51	00.68	2	67.6	45.7	48.4	6 Y.	50.2	15.64	15.51	3,1	53.6	55.9	01.7
Bru.	67.8	00.37	00.54	4,3	63.1	43.6	46.7	Cap.	51.6	15.74	15.61	2,3	50.8	54.3	00.4
Cor.	74.6	00.51	00.64	4	74.6	44.9	47.0	7 Y.	56.2	15.70	15.58	2	56.2	55.3	00.7
Cap.	79.0	00.49	00.60	2	79.0	43.4	45.1	R ₂	57.7	15.91	15.80	5,4	57.2	53.5	58.8
R ₃	85.5	00.53	00.61	3	85.5	44.7	45.9	Cap.	59.5	15.86	15.75	3	59.5	56.9	01.9
Ci.	97.5	00.58	00.59	3	97.5	44.4	44.6	Y.	64.5	15.80	15.70	52,8	70.2	56.3	00.0
								N 7 Y.	64.6	15.81	15.71	13,12	64.3	56.5	00.9
1515								Mel ₁	64.6	15.81	15.71	3	64.6	56.4	00.8
L.	94.5	38.74	37.45	1	94.5	07.1	12.9	9 Y.	70.7	15.81	15.73	6	70.7	56.9	00.5
P.	04.5	38.73	37.56	8	04.5	06.2	11.5	Cor.	76.6	15.77	15.71	138,131	76.6	58.8	01.7
W B.	23.5	38.63	37.70	1	23.5	07.1	11.3	Cap.	77.0	15.88	15.82	3,2	78.6	58.9	01.6
Rü.	38.0	38.01	37.25	2	38.0	08.5	11.9	10 Y.	80.5	15.67	15.62	4	80.5	57.9	00.3
Si.	41.5	38.18	37.47		41.5	08.9	12.1	R ₃	81.2	15.73	15.68	4	81.2	57.7	00.0
Mü.	60.6	37.91	37.43	2	60.6	05.2	07.4	Ci.	97.5	15.69	15.68	3	97.5	00.1	00.4
Si.	62.6	38.07	37.61	1	62.6	10.5	12.6								
Bru.	68.3	37.90	37.51	5,4	68.3	10.1	11.8	1530							
Gl ₁	73.4	37.80	37.48	3	75.4	11.5	12.8	L.	99.5	59.88		1	99.5	06.2	54.3
Cor.	77.5	37.75	37.48	4	77.5	09.9	11.1	P.	07.9	59.63		6	07.9	06.1	55.2
Par.	77.9	37.71	37.44	3,1	78.6	10.5	11.7	W B.	25.5	00.14		1	25.5	05.4	56.6
10 Y.	83.8	37.70	37.50	3	83.8	09.9	10.8	Par.	58.6	59.64		1	57.6	03.6	58.6
R ₃	85.1	37.65	37.47	4	85.1	10.9	11.7	Par.	70.8	59.72		3	70.8	00.3	56.9
Ci.	97.0	37.58	37.54	2	97.0	11.4	11.6	Ber.	80.5	59.67		2	80.5	57.5	55.2
								Ci.	97.5	59.67		3	97.5	56.0	55.7

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1531		S	S			//	//	1545		S	S			//	//
W B	22.5	40.73		1	22.5	19.8	10.5	W B	25.5	22.52*	22.67	2	25.5	22.0	28.7
Rü	40.0	40.41		5	40.0	14.0	06.8	Ber	69.6	22.70	22.76	2	69.6	25.2	27.9
Mü	41.5	40.77		2	41.5	14.7	07.7	Ber	93.4	22.74	22.75		93.4	29.0	29.6
Göt ₂	58.5	40.67		2	58.5	14.6	09.6	Ci	98.2	22.74	22.74	3	98.2	28.5	28.7
Alb	79.5	40.79		2	79.5	13.1	10.6	W B + 1 ^s							
Ci	97.2	40.66		3	97.2	09.3	09.0	1546							
1533								Br	55.6	23.15	22.33	1,3	54.6	06.7	52.7
W A	51.5	00.62	00.72	1	51.5	00.0	12.2	P	00.0	22.97	22.40	8	00.1	59.4	49.8
Ci	91.1	00.68	00.70	5	91.1	11.2	13.4	Abo	30.0	22.69	22.29	8	30.0	59.7	53.0
Ci	95.5	00.74	00.75	4,3	95.5	10.9	12.0	Arm	46.2	22.78	22.47	12,5	42.6	58.1	52.6
1534								Pu	55.0	22.58	22.32	6	55.0	56.3	52.0
W B	23.5	16.81	17.38	1	23.5	03.8	15.3	N 7 Y	65.5	22.50	22.30	4,5	65.6	55.0	51.7
Si	57.1	16.89	17.21	2	57.1	11.1	17.5	9 Y	72.9	22.49	22.34	5,6	73.3	54.5	51.9
Göt ₁	67.5	16.94	17.18	2	67.5	11.3	16.2	Rmg	75.0	22.38	22.24	4	75.0	53.7	51.3
Ka	84.3	17.11	17.23	6	84.3	13.4	15.8	10 Y	80.0	22.38	22.27	3	80.0	53.5	51.6
Gl ₂	91.3	17.38	17.45	2	91.3	16.1	17.4	Ber	81.4	22.41	22.30	3	81.4	53.1	51.3
Ci	95.0	17.27	17.31	4	95.0	16.0	16.7	Ci	97.0	22.40	22.38	2	97.0	52.5	52.2
1537								1547							
Wn	58.5	54.82	54.36	1	58.5	24.2	15.5	L	94.5	29.39	28.44	1	94.5	32.9	55.7
Ber	70.6	54.64	54.32	2	70.6	19.5	13.3	W B	24.5	29.30	28.62	1	24.5	39.8	56.1
Ber	91.5	54.38	54.29	1	91.5	16.7	14.9	Mü	45.9	29.08	28.59	3	45.9	45.7	57.4
Ci	98.2	54.34	54.32	3	98.2	13.9	13.5	Par	58.5	28.91	28.54	1	58.5	46.3	55.3
1538								Göt ₂	58.5	28.89	28.52	2	58.5	44.1	53.1
L	90.3	54.98	55.79	1	90.3	36.0	17.3	Sj	63.5	28.83	28.50	1	63.5	45.0	52.9
P	94.5	54.93	55.71	8	94.5	35.8	17.9	Par	78.6	28.86	28.67	1	78.6	51.1	55.7
G	10.5	55.28	55.94		10.5	30.5	15.3	R ₃	87.6	28.66	28.55	3	87.6	52.2	54.9
O A	41.6	55.27	55.70	1	41.6	26.3	16.3	Ci	97.0	28.56	28.53	2	97.0	55.7	56.3
R ₁	48.0	55.46	55.84	4,5	45.4	27.2	17.9	1548							
Bru	66.5	55.49	55.74	3	69.8	22.5	17.4	L	99.5	02.31	01.63	1	99.5	19.7	22.2
Par	67.5	55.57	55.81	2	67.5	24.1	18.6	W B	25.5	02.46	01.95	1	25.5	02.7	20.1
B	76.0	55.52	55.70	2	76.0	20.4	16.3	Par	59.0	02.48	02.20	2	61.0	44.5	22.2
Par	80.5	55.73	55.87	1	80.5	20.3	17.0	Par	72.0	02.33	02.14	4,3	72.5	38.6	22.9
Ci	97.0	55.78	55.80	2	97.0	18.1	17.6	Ber	81.0	02.26	02.13	2	81.0	31.2	20.3
1539								Ci	97.5	02.08	02.06	4	97.5	22.8	21.4
L	94.5	20.14	18.78	1	94.5	02.9	52.8	1549							
P	03.8	20.34	19.10	6	03.8	59.3	50.1	Br	55.7	16.68	15.34	7,3	54.5	03.5	15.4
Rü	42.0	19.61	18.86	1	42.0	58.8	53.2	P	99.6	16.14	15.21	15,9	98.9	07.7	16.0
Mü	49.1	19.98	19.32	2	49.1	56.0	51.1	Abo	30.0	15.97	15.32	8	30.0	10.5	16.2
Par	59.3	19.56	19.03	4	59.5	54.7	50.8	Arm	35.0	15.85	15.25	6	49.4	12.3	16.4
Bru	70.0	19.47	19.08	6,3	66.5	53.4*	50.2	Pu	55.0	15.66	15.24	4	55.0	12.6	16.3
Par	70.4	19.58	19.20	1	70.4	54.2	51.4	N 7 Y	67.1	15.63	15.32	5,6	67.0	13.4	16.1
Alb	80.9	19.26	19.01	3	80.9	53.1	51.3	Rmg	75.0	15.48	15.25	4	75.0	14.2	16.3
Ci	95.0	19.15	19.09	4	95.0	51.2	50.7	9 Y	76.6	15.55	15.33	2,6	74.9	14.1	16.2
						Bru + 10''		10 Y	80.0	15.50	15.31	5,8	80.0	14.5	16.1
1543								Ber	80.4	15.50	15.32	2	80.4	14.4	16.0
L	94.4	18.44	14.69	1	94.4	02.4	36.9	Ci	97.0	15.34	15.31	2	97.0	14.9	15.1
W B	29.5	17.54	15.04	2	29.5	31.2	34.1	1551							
Y	69.0	16.14	15.04	2,4	62.2	09.6	39.0	L	94.4	39.91	41.22	2	94.4	42.5	50.4
Par	73.9	15.86	14.93	3	73.9	57.6	36.5	W B	27.0	40.31	41.22	2	27.0	44.5	50.0
Lund	80.5	15.84	15.15	2	80.5	51.4	35.6	Par	58.5	40.64	41.15	1,0			
Ci	97.0	14.92	14.81	2	97.0	39.2	36.8	Ber	70.6	40.89	41.26	2	70.6	49.1	51.3
1544								Par	74.8	41.00	41.31	3	74.8	49.5	51.4
P	99.0	29.52		13,9	99.7	42.0	53.5	Wn	78.5	40.82	41.09	1	78.5	47.1	48.7
W B	25.4	29.33		1	25.4	44.9	53.5	Ber	94.5	41.09	41.16		94.5	50.3	50.7
Par	40.6	29.30		3,0				Ci	98.2	41.20	41.22	3	98.2	49.8	50.0
Pu	41.6	29.44		4	41.6	48.1	54.8	1552							
Rü	42.0	29.45		3	42.0	48.9	55.6	L	97.4	05.13		1	97.4	17.5	30.3
Ber	69.9	29.32		3	69.9	52.0	55.5	W B	24.5	05.76		1	24.5	24.4	33.8
Ber	93.4	29.36			93.4	53.4	54.1	Mü	56.3	05.93		11,8	53.9	27.7	33.5
Ci	98.0	29.36		2	98.0	53.1	53.3	Göt ₂	58.5	05.86		1	58.5	25.4	30.6
								Par	58.8	05.90		4,2	59.0	26.5	31.6
								Sj	63.5	05.80		1	63.5	25.8	30.4
								Y	65.6	05.79		4	65.6	27.1	31.4
								Par	74.5	05.77		3,2	74.5	27.7	30.9
								R ₃	89.9	05.77		3	89.9	31.4	32.7
								Ci	97.5	05.77		3	97.5	31.4	31.7

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1554		s	s			//	//	1576		s	s			//	//
L	97.4	16.51	16.23	I	97.4	18.2	27.7	L	97.5	34.85	33.94	I	97.5	48.3	28.3
W B	22.5	16.67	16.46	I	22.5	21.2	28.4	W B	29.5	34.89	34.26	I	29.5	36.9	23.9
Par	47.4	16.50	16.36	1,0				Rü	47.0	34.84	34.37	I	47.0	39.0	29.2
Mü	52.6	16.36	16.23	I	52.6	23.1	27.5	Pu	49.4	34.60	34.15	6	49.4	36.9	27.5
Par	60.1	16.45	16.34	3,2	60.0	27.7	31.4	Arm ₂	66.9	34.39	34.10	5	67.9	34.1	28.2
Sj	63.4	16.58	16.48	I	63.4	25.9	29.3	10 Y	80.6	34.33	34.16	4	80.6	32.1	28.5
Par	70.5	16.29	16.21	I	70.5	26.1	28.8	Ci	97.5	34.09	34.07	3	97.5	28.5	28.0
Alb	80.9	16.38	16.33	3	80.9	27.0	28.8								
Ci	95.0	16.36	16.35	4	95.0	27.8	28.3	1583							
1560								L	01.5	09.96	09.35	I	01.5	46.8	36.3
L	94.5	13.88		I	94.5	02.7	19.3	W B	28.6	09.88	09.44	I	28.6	43.7	36.1
W B	24.5	14.35		I	24.5	10.3	22.2	Mü	44.6	09.43	09.09	I	44.6	47.0	41.1
Si	41.6	14.13			41.6	10.8	20.0	Ber	70.6	09.29	09.11	4	70.6	39.1	35.9
Mü	50.6	14.35		5	50.6	13.6	21.4	Ber	93.5	09.30	09.26		93.5	36.8	36.1
Par	57.4	14.29		I	57.4	13.8	20.5	Ci	98.0	09.29	09.28	2	98.0	36.4	36.2
Par	69.5	14.38		2,3	69.5	15.2	20.0								
Arm ₂	74.0	14.42		4,3	76.5	16.5	20.2	1584							
R ₃	85.7	14.26		3	85.7	17.9	20.1	Mü	56.3	34.83	34.48	6	56.3	44.3	54.3
Gl ₂	91.1	14.36		5,3	91.0	18.0	19.4	Sj	62.6	34.84	34.54	I	62.6	45.4	54.0
Ci	97.0	14.30		2	97.0	19.6	20.1	Cor	72.6	34.86	34.64	3	72.6	48.1	54.4
1561								R ₃	89.2	34.61	34.52	3	89.2	51.3	53.8
L	94.5	33.90	33.40	I	94.5	34.9	18.9	Ci	97.6	34.58	34.56	3	97.6	53.8	54.4
W B	22.4	33.65	33.29	I	22.4	28.0	16.2								
Par	38.0	33.85	33.56	8,4	38.8	27.9	18.6	1587							
Mü	52.1	33.75	33.51	2	52.1	23.0	15.7	L	94.5	20.46		I	94.5	12.8	57.0
Par	56.6	33.79	33.59	I	56.3	24.8	18.2	W B	25.5	20.84		I	25.5	09.3	58.1
Arm ₂	65.3	33.62	33.46	6,5	66.3	24.1	19.0	Ber	70.2	20.61		3	70.4	01.5	57.1
Gl ₁	68.5	33.72	33.57	2	74.0	23.3	19.3	Ci	98.0	20.53		2	98.0	57.9	57.6
Par	71.6	33.48	33.35	I	71.6	21.2	16.9								
Ci	97.0	33.53	33.52	2	97.0	18.7	18.2	1591							
1563								L	94.5	14.04	15.81	I	94.5	42.3	37.2
L	94.5	02.36	02.72	I	94.5	31.7	21.8	Wn	57.6	15.22	15.93	I	57.6	40.4	38.4
W B	23.5	02.21	02.47	I	23.5	32.5	25.3	Ber	70.6	15.50	16.00	2,3	70.6	39.2	37.8
Par	67.6	02.46	02.57	3	67.6	27.0	23.9	Ber	94.5	15.73	15.82		94.5	38.2	37.9
Gl ₁	68.5	02.57	02.68	2,4	77.1	25.1	22.9	Ci	98.0	15.82	15.85	2	98.0	37.6	37.5
Gl ₂	90.3	02.66	02.69	5	90.3	23.3	22.4								
Ci	95.1	02.59	02.61	4	95.1	23.6	23.1	1593							
1564								L	98.6	51.02	50.37	I	98.6	47.3	05.7
L	94.5	12.85	14.07	I	94.5	28.3		W B	24.5	51.33	50.85	I	24.5	53.6	07.3
P	03.5	12.85	13.97	6	03.5	30.1		Ber	55.5	50.73	50.45	2	55.5	59.8	07.9
W B	25.5	13.34	14.20	I	25.5	34.7		R ₃	86.6	50.63	50.54	3	86.6	04.7	07.1
Rü	42.0	13.36	14.03	2	42.0	32.4		Ci	97.6	50.60	50.58	3	97.6	06.0	06.4
Bru	69.4	13.58	13.93	5,4	67.8	32.5									
Ber	70.2	13.67	14.02	3	70.2	32.9		1594							
Ber	93.7	14.02	14.09		93.7	32.9		L	00.5	01.19	59.95	I	00.5	36.7	52.0
Ci	98.2	14.03	14.05	3	98.2	31.6		Mü	47.6	00.60	59.94	I	47.6	42.9	51.0
1570								B	53.5	00.82	00.25	I	53.5	41.5	48.7
L	94.5	50.68	49.92	I	94.5	39.1	19.1	Tac	67.6	00.42	00.01	2	67.6	46.9	51.9
W B	25.5	49.96	49.42	I	25.5	35.2	21.0	Cor	73.7	00.27	59.94	I	73.7	46.8	50.9
Rü	39.0	50.21	49.77	I	39.0	32.0	20.4	Ci	97.6	00.01	59.98	3	97.6	50.7	51.1
Ber	70.1	49.98	49.76	3,2	69.9	26.7	21.0								
Ber	93.6	49.93	49.88		93.6	20.8	19.6	1595							
Ci	97.5	49.89	49.87	3	97.5	20.2	19.7	L	94.5	24.41	24.25	I	94.5	32.4	10.0
1572								W B	28.5	24.63	24.52	I	28.5	27.9	12.7
L	94.5	52.01		I	94.5	45.4	29.1	Rü	41.0	24.65	24.56	3	41.0	25.9	13.4
W B	25.5	51.93		I	25.5	37.6	26.1	Ber	80.5	24.53	24.50	2	80.5	15.9	11.8
Rü	40.0	51.89		7	40.0	40.8	31.6	Ci	97.6	24.47	24.47	3	97.6	12.3	11.8
Ber	70.1	52.00		3,2	69.9	33.5	28.9								
Ber	93.6	51.99			93.6	30.1	29.1	1598							
Ci	98.0	51.91		2	98.0	29.7	29.4	L	94.5	31.32	31.76	I	94.5	22.3	09.4
1575								W B	22.5	31.69	32.03	I	22.5	15.7	06.2
L	90.5	30.66	30.11	I	90.5	12.8	23.8	Mü	51.8	31.67	31.87	6	51.8	11.3	05.4
O A	41.6	29.80	29.51	I	41.6	16.1	21.9	B	56.5	31.83	32.01	I	56.5	08.8	03.5
Harv	71.6	30.07	29.93	2	71.6	20.8	23.6	Sj	63.6	31.77	31.92	I	63.6	10.5	06.1
Ci	97.6	29.95	29.94	3	97.6	22.5	22.7	Alb	81.1	31.77	31.85	4	81.1	10.1	07.8
								Ci	97.5	31.86	31.87	3	97.5	08.2	07.9

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1599		s	s			//	//	1614		s	s			//	//
D'A	83.5	31.01	30.72	2	83.5	47.1	37.5	L	94.5	28.39	29.34	1	94.5	17.9	34.1
P	98.0	30.71	30.45	11,16	94.5	44.6	35.9	W B	25.7	29.28	29.95	2	25.7	20.5*	31.9
G	11.6	30.58	30.36		11.6	43.8	36.5	Mü	42.6	29.21	29.73	1	42.6	24.1	32.9
W B	29.5	30.71	30.53	1	29.5	39.8	34.0	Ber	70.7	29.35	29.61	2	70.7	29.7	34.2
R ₁	49.6	30.78	30.65	4	51.1	39.2	35.2	Wn	74.5	29.19	29.42	2	74.5	27.3	31.2
Arm	49.7	30.78	30.65	5,1	54.6	39.7	36.0	Ber	93.5	29.53	29.59		93.5	32.3	33.3
Bru	68.4	30.63	30.55	5,3	68.9	39.1	36.5	Ci	97.9	29.58	29.60	3	97.9	32.7	33.0
Ci	97.6	30.55	30.54	3	97.6	37.0	36.8							WB ₁₃₁₆ —10"	
1601								1615							
W B	25.5	57.73	57.36	1	25.5	30.5	19.3	L	94.5	47.96	47.86	2	94.5	07.7	56.1
Wn	58.5	57.29	57.08	1	58.5	22.7	16.5	Mü	56.7	48.00	47.96	2	56.7	02.3	57.5
Ber	70.7	57.59	57.44	2	70.7	22.2	17.8	Göt ₂	61.6	47.99	47.95	1	61.6	01.7	57.5
Ber	93.5	57.41	57.38		93.5	19.8	18.8	Sj	63.6	47.94	47.90	3	63.6	03.1	59.1
Ci	98.1	57.40	57.39	4	98.1	19.4	19.1	Alb	80.3	47.89	47.87	3	80.3	00.5	58.3
								Ci	97.6	47.91	47.91	3	97.6	56.5	56.2
1602								1616							
L	94.6	08.92	09.18	1	94.6	44.5	03.8	L	94.6	06.95	06.27	1	94.6	25.9*	04.9
W B	24.5	08.80	08.99	1	24.5	53.0	06.8	W B	24.5	06.64	06.15	1	24.5	36.4	04.3
Sj	63.5	08.82	08.91	1,0				Mü	57.0	06.56	06.28	3	57.0	47.9	03.8
R ₃	88.6	08.90	08.93	3	88.6	03.5	05.6	Dun	86.6	06.19	06.10	1	86.6	02.5	07.4
Ka	93.4	09.07	09.09	4,5	93.4	03.9	05.1	Ci	91.7	06.28	06.23	3	91.7	01.9	05.0
Ci	97.0	09.07	09.08	2	97.0	03.7	04.2	Ci	95.6	06.30	06.27	3	95.6	03.1	04.7
														L—10"	
1603								1617							
O A	42.5	32.76	33.91	1	42.5	16.0	56.5	Mü	47.5	45.58	45.28	2	47.5	46.0	54.8
Harv	78.8	33.52	33.94	4	78.8	03.4	56.2	W A	50.1	45.59	45.31	2	50.1	46.0	54.4
Ci	95.1	33.82	33.92	3	95.1	58.4	56.7	Cap	51.7	45.54	45.27	1	50.7	45.0	53.3
1604								B	53.5	45.56	45.29	2	53.5	47.1	54.9
W B	23.5	40.46	39.85	1	23.5	31.3	19.8	R ₁	56.6	45.64	45.39	3,2	52.7	46.8	54.7
Gl ₁	74.9	40.03	39.83	3	76.3	23.5	19.9	R ₂	59.2	45.56	45.33	8,2	58.1	47.2	54.2
Gl ₂	88.6	39.87	39.78	5,2	90.0	18.9	17.4	Y	65.6	45.48	45.28	2,4	71.4	49.3	54.1
Ci	97.0	39.89	39.87	4	97.0	20.0	19.6	Bru	67.8	45.50	45.32	5,4	67.1	48.7	54.2
								Cor	78.7	45.49	45.37	3	78.7	50.3	53.9
1605								R ₃	83.0	45.47	45.37	3	83.0	51.4	54.3
W B	28.5	17.48	17.19	1	28.5	59.2	41.3	10 Y	83.6	45.41	45.32	4,3	83.6	51.3	54.0
B	58.7	17.24	17.07	2,1	58.7	50.7	40.4	Ci	97.1	45.33	45.31	2	97.1	53.7	54.2
Ber	80.5	17.22	17.14	2	80.5	44.8	39.9								
Ci	97.1	17.19	17.18	2	97.1	41.9	41.2	1618							
								D'A	84.7	41.57	40.99	1	84.7	00.3	41.3
1609								L	94.5	41.82	41.29	1	94.5	05.2	47.8
L	97.6	05.83	05.30	1	97.6	28.2	51.3	W B	28.6	42.16	41.80	1	28.6	04.1	52.3
W B	24.5	05.67	05.28	1	24.5	33.6	50.6	Pu	44.6	41.70	41.42	4	44.6	57.2	48.1
Mü	46.7	05.34	05.06	1	46.7	43.7	55.7	Wn	65.5	41.54	41.37	1	65.5	55.8	50.1
Si	62.4	05.45	05.25	2	62.4	38.3	46.7	Ber	70.7	41.51	41.36	2	70.7	53.2	48.4
R ₃	85.7	05.35	05.28	2,3	85.7	48.3	51.4	Ber	93.5	41.44	41.41		93.5	49.4	48.3
Ci	97.6	05.28	05.27	3	97.6	51.1	51.6	Ci	97.9	41.39	41.38	3	97.9	48.4	48.0
1610								1621							
Mü	47.6	43.54	43.91	2	47.6	22.6	24.2	W B	25.5	09.70	08.66	1	25.5	38.8	32.8
W A	49.6	43.63	43.98	1	49.6	23.7	25.2	Mü	44.7	09.24	08.47	1	44.7	38.6	34.2
Ci	97.1	43.93	43.95	4	97.1	24.5	24.6	Ber	81.6	08.74	08.48	2	81.6	35.3	33.8
								Ci	97.3	08.62	08.58	3	97.3	33.3	33.1
1611								1623							
Br	53.8	35.76	36.29	19,4	54.9	55.2	12.6	Br	54.5	29.61	29.41	6,3	54.0	37.9	22.0
P	98.3	36.01	36.38	9,10	98.3	59.8	12.0	P	00.5	29.56	29.42	13	00.5	33.1	22.3
Arm	33.2	35.96	36.20	7,2	53.1	07.4	13.0	P M	30.0	29.61	29.51	5	30.0	27.7	20.1
Pu	55.0	36.08	36.24	4	55.0	07.0	12.4	Arm	45.0	29.63	29.55	6,5	48.0	25.4	19.7
N 7 Y	66.1	36.16	36.28	4	66.1	08.3	12.4	Pu	55.0	29.58	29.52	4	55.0	26.0	21.1
Bru	67.9	36.18	36.30	4	68.8	08.5	12.2	N 7 Y	65.9	29.50	29.45	4	65.9	25.1	21.4
Ber	70.7	36.17	36.28	2	70.7	08.2	11.7	Bru	68.0	29.52	29.48	3	64.6	25.5	21.6
9 Y	74.1	36.10	36.19	2,5	74.1	09.4	12.5	Rmg	75.0	29.48	29.44	4	75.0	24.1	21.4
10 Y	80.0	36.18	36.25	4,3	80.0	10.2	12.6	Ci	97.1	29.45	29.45	2	97.1	22.2	21.9
Ci	97.1	36.28	36.29	2	97.1	12.1	12.5								
1612								1626							
W B	28.6	30.53	28.60	2	28.6	48.5	16.4	L	94.5	14.04	13.36	1	94.5	16.5	02.7
Rü	43.0	29.78	28.24	1	43.0	42.9	17.3	Rü	41.0	13.89	13.51	2	41.0	12.1	04.4
Wn	57.5	29.62	28.47	1	57.5	33.8	14.7	Wn	58.5	13.80	13.53	1	58.5	10.0	04.6
Ber	70.1	29.27	28.46	2	70.1	28.5	15.0	Ber	70.7	13.68	13.49	2	70.7	07.9	04.1
Ber	93.5	28.58	28.40		93.5	19.5	16.6	Ber	93.5	13.49	13.45		93.5	04.8	03.9
Ci	97.9	28.51	28.45	3	97.9	17.6	16.7	Ci	97.9	13.44	13.43	3	97.9	03.1	02.8

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1627		s	s			//	//	1641		s	s			//	//
Ma	56.6	21.32	20.56	I	56.6	39.5	05.2	Ma	56.5	26.81	27.81	I	56.5	42.7	58.1
P	99.8	20.90	20.37	23,18	99.8	51.9	09.8	P	98.2	26.87	27.58	10	98.2	48.4	59.3
Kön	33.8	20.68	20.33	6	33.8	54.8	06.7	L	01.0	26.94	27.63	2	01.0	51.8	02.4
Cap	40.6	20.66	20.35	2	40.3	55.1	05.8	Kön	33.6	27.26	27.72	7,6	35.3	55.1	02.0
W A	49.5	20.94	20.67	I	49.5	55.8	04.8	Arm	45.6	27.43	27.81	5,0			
Cap	52.6	20.54	20.29	2,0				Cap	52.6	27.49	27.82	2,1	51.7	54.8	00.0
R ₂	56.6	20.61	20.38	3,4	57.6	58.4	06.0	Y	63.3	27.44	27.70	3	69.7	56.4	59.6
Y	61.8	20.57	20.37	5,3	69.3	59.6	05.1	Bru	69.2	27.47	27.69	5,2	65.7	56.9	00.6
Bru	66.8	20.51	20.33	4,3	64.0	00.1	06.5	Cor	74.7	27.56	27.74	4	74.7	58.9	01.6
Tac	68.6	20.50	20.33	2	68.6	59.9	05.5	Cap	78.7	27.47	27.62	3	78.7	58.0	00.3
Cor	74.6	20.55	20.42	4	74.6	02.1	06.6	R ₃	84.6	27.47	27.58	3	84.6	58.9	00.5
Cap	78.6	20.51	20.40	3	78.6	01.4	05.2	Go	85.8	27.60	27.70	6,4	86.1	59.7	01.2
10 Y	81.6	20.58	20.48	5	81.6	02.2	05.5	Ci	97.1	27.65	27.67	2	97.1	59.0	59.3
Go	85.6	20.52	20.44	4	85.6	04.0	06.6								
Ci	97.5	20.40	20.39	3	97.5	05.2	05.6	1644							
1628								L	95.5	51.27	52.11	I	95.5	21.2	04.5
Mü	44.6	23.35	22.41	I	44.6	25.1	55.2	W B	22.6	51.60	52.22	I	22.6	18.2	05.8
B	61.4	22.94	22.28	4	61.4	19.8	59.0	Sj	63.6	51.76	52.05	3	63.6	10.4	04.6
Ber	70.6	22.89	22.39	I	70.6	12.4	56.5	Bru	65.4	51.81	52.09	4	63.9	10.4	04.6
Ber	92.2	22.45	22.32		92.2	01.9	57.7	Ci	94.4	52.13	52.17	4	94.4	05.7	04.8
Ci	98.1	22.40	22.37	4	98.1	57.4	56.4	1646							
1629								L	00.5	36.92	36.59	I	00.5	21.2	32.8
L	94.5	39.94*	37.40	I	94.5	30.5		P	07.5	37.13	36.82	3,5	07.1	19.2	30.0
W B	25.7	39.11	37.32	2	25.7	32.8		W A	49.7	36.74	36.57	I	49.7	25.4	31.3
Ber	70.7	38.03	37.32	3	70.7	33.5		Cap	52.2	36.85	36.69	2	51.0	23.6	29.3
Wn	73.6	38.01	37.37	4	73.6	34.2		Bru	65.2	36.75	36.64	3,2	65.7	27.0	31.0
Ber	93.5	37.51	37.35		93.5	32.9		Y	68.0	36.78	36.67	3	68.2	25.4	29.1
Ci	97.9	37.41	37.36	3	97.9	32.9		Cor	75.7	36.81	36.73	4	75.7	27.5	30.3
		L + 1 ^s						Cap	78.6	36.78	36.71	3	78.6	28.3	30.8
1633								R ₃	91.7	36.72	36.69	3	91.7	31.1	32.0
L	94.5	04.78	04.13	I	94.5	48.9	25.4	Ci	97.1	36.76	36.75	2	97.1	30.1	30.4
P	03.4	04.14*	03.54	3,4	03.4	39.4*	17.9	1647							
W B	28.7	04.96	04.52	I	28.7	40.0	24.1	L	94.5	23.13	22.87	I	94.5	51.9	39.8
Arm ₂	78.4	04.46	04.33	4	78.4	29.0	24.2	P	03.7	22.80	22.56	11,8	04.2	52.1	41.1
Ber	80.5	04.36	04.24	2	80.5	28.8	24.5	Mü	46.6	22.83	22.70	4	46.6	47.4	41.3
Ci	97.6	04.28	04.27	3	97.6	25.6	25.1	Arm	50.6	22.85	22.73	2,5	46.8	48.0	41.9
		Piazzi apparently worthless.						Sj	63.1	22.70	22.61	2	63.1	46.7	42.4
1634								Bru	65.3	22.73	22.64	3,2	66.1	45.9	42.0
W B	25.6	46.50	46.66	2	25.6	10.1	18.7	Alb	81.2	22.82	22.77	3	81.2	44.7	42.5
Rü	44.0	46.49	46.61	2	44.0	15.5	21.9	Ci	97.1	22.71	22.70	2	97.1	41.3	41.0
Pu	60.5	46.58	46.67	4	60.5	16.8	21.3	1648							
Rmg	77.7	46.52	46.57	4	77.7	18.2	20.8	12 Y	44.0	45.31		6,3	44.0	44.2	49.5
Ber	81.1	46.54	46.58	3	81.1	18.4	20.6	Mü	47.6	44.99		I	47.6	42.4	47.4
Ci	97.1	46.66	46.67	2	97.1	19.5	19.8	W A	49.9	45.29		3	49.9	41.9	46.7
1636								Y	61.3	45.29		4,5	60.6	43.8	47.5
Mü	44.6	59.57	59.13	I	44.6	43.8	36.6	R ₃	89.2	45.32		4,3	89.3	47.2	48.2
Wn	57.5	59.06	58.72	I	57.5	40.6	35.1	Ci	97.1	45.26		2	97.1	47.2	47.5
Ber	70.7	59.22	58.99	3	70.7	41.6	37.8	1649							
Mü ₂	87.1	59.01	58.91	2	87.1	38.5	36.8	Br	52.6	12.47	12.82	1,0			
Ber	93.5	59.12	59.07		93.5	37.8	37.0	D'A	84.0	13.24	13.52	2	84.0	31.1	34.6
Ci	97.9	59.13	59.11	3	97.9	37.3	37.0	L	94.5	12.85	13.10	I	94.5	27.8	31.0
1637								W B	21.6	12.83	13.02	I	21.6	29.8	32.1
Mü	44.6	38.83		I	44.6	45.4	37.1	Hend	44.6	12.90	13.03	3,2	44.7	29.8	31.5
Ber	70.7	38.73		2	70.7	41.4	37.0	Mü	50.0	12.89	13.01	9	50.0	27.8	29.3
Mü ₂	87.7	38.71		I	87.7	39.7	37.9	Pu	58.5	12.91	13.01	5	58.5	29.3	30.6
Ber	93.5	38.77			93.5	37.3	36.3	B	60.5	12.89	12.98	I	60.5	28.0	29.2
Ci	97.9	38.78		3	97.9	37.7	37.4	Si	62.6	12.96	13.05	I	62.6	31.0	32.1
1640								Sj	63.5	12.91	13.00	I	63.5	27.5	28.6
L	94.5	56.82	57.78	I	94.5	34.8	16.8	Göt ₁	67.6	13.03	13.11	2	67.6	30.9	31.9
W B	25.7	57.01	57.69	I	25.7	26.7	14.0	9 Y	68.6	12.92	13.00	3	68.6	29.2	30.1
Rü	42.0	57.14	57.67	4,3	42.0	24.2	14.3	Bru	73.4	13.01	13.07	4,5	73.6	30.3	31.1
Bru	63.4	57.42	57.75	9,7	66.7	21.9	16.2	Rmg	75.0	12.96	13.02	6	75.0	29.6	30.4
Ber	70.7	57.40	57.67	2	70.7	22.0	17.0	Cor	77.6	12.93	12.98	4	77.6	29.4	30.1
Ber	94.5	57.64	57.69		94.5	16.4	15.4	10 Y	78.6	12.95	13.00	3	78.6	30.4	31.0
Ci	97.9	57.73	57.75	3	97.9	15.6	15.2	R ₃	84.3	12.93	12.97	3	84.7	30.5	31.0
								Ci	97.1	13.01	13.02	2	97.1	30.1	30.2

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1651		s	s			//	//	1661		s	s			//	//
W B	28.7	04.55		1	28.7	08.9	49.6	L	94.6	07.72	07.30	1	94.6	12.2	50.1
R	68.2	04.02		3	68.2	56.5	47.9	W B	25.6	07.87	07.57	1	25.6	00.8	45.2
Ber	80.9	04.12		3	80.9	53.2	48.0	Ber	81.7	07.50	07.43	2	81.7	51.4	47.6
Gl ₂	91.5	04.06		2	91.5	50.5	48.2	Ci	97.1	07.39	07.38	2	97.1	49.1	48.5
Ci	94.6	04.12		3	94.6	50.8	49.3								
1652								1662							
L	94.6	23.08	24.37	1	94.6	31.0	26.8	Br	53.0	10.30	12.27	4	54.2	19.7	59.4
W B	25.6	23.35	24.26	1	25.6	31.2	28.2	D'A	83.5	10.68	12.24	3	83.5	16.1	59.9
Rü	42.0	23.83	24.54	2	42.0	31.8	29.5	P	98.8	10.87	12.23	19,14	97.2	13.8	59.5
Mü	44.7	24.05	24.72	1	44.7	30.3	28.1	12 Y	45.0	11.53	12.27	3,5	45.0	07.1	59.5
Ber	81.2	24.16	24.39	3	81.2	28.3	27.5	Arm	48.2	11.61	12.30	5,6	54.1	06.1	59.7
Ci	97.6	24.31	24.34	3	97.6	28.2	28.1	6 Y	50.0	11.57	12.24	26,29	50.0	06.4	59.4
								Pu	55.0	11.60	12.20	4	55.0	06.8	00.5
1654								Y	57.5	11.65	12.22	10,8	58.7	05.2	59.5
Br	54.6	06.72	06.21	6,1	53.8	39.3	32.9	R ₂	60.0	11.83	12.37	10	60.0	05.5	59.9
P	98.3	06.36	06.00	9,11	98.5	39.1	34.6	7 Y	60.0	11.74	12.28	49,32	60.0	05.5	59.9
P M	30.0	06.33	06.09	4	30.0	35.6	32.5	N 7 Y	64.0	11.78	12.26	42,13	64.0	05.0	00.0
Arm	41.4	06.39	06.19	4,2	44.2	35.2	32.7	9 Y	72.0	11.84	12.22	43,21	72.0	03.6	59.7
Pu	55.0	06.25	06.09	4	55.0	35.4	33.4	10 Y	80.0	11.97	12.24	34,22	80.0	02.1	59.3
N 7 Y	65.8	06.26	06.14	3	65.8	34.8	33.3	Ci	96.1	12.19	12.24	2	96.1	59.6	59.1
Bru	68.0	06.12	06.01	3	67.6	33.4	32.0								
Rmg	75.0	06.22	06.13	4	75.0	34.1	33.0	1663							
Ci	96.1	06.16	06.15	2	96.1	33.5	33.3	L	01.6	40.58	40.92	2	01.6	30.7	48.4
								P	12.8	40.63	40.94	5	12.8	32.2	47.9
1656								Mü	47.7	40.17	40.35	1	47.7	38.9	48.3
Br	53.6	34.18	32.72	10,8	54.0	59.0	44.3	W A	49.7	40.44	40.62	2	49.7	41.7	50.7
D'A	83.5	33.56	32.40	3	83.5	55.6	43.8	Cap	52.6	40.51	40.68	2	51.0	40.0	48.8
P	03.8	33.55	32.59	11,12	03.8	53.5	43.8	Y	66.2	40.48	40.60	3	69.0	42.3	47.9
Abo	30.0	33.34	32.64	8	30.0	51.2	44.1	Bru	68.1	40.48	40.59	4,3	66.9	43.4	49.4
Arm	31.7	33.28	32.60	7,6	51.3	49.7	44.8	Cor	77.7	40.65	40.73	4	77.7	45.1	49.3
6 Y	51.2	33.15	32.66	16,19	51.4	49.2	44.3	R ₃	84.6	40.71	40.76	3	84.6	45.5	48.3
Pu	55.0	33.18	32.73	4	55.0	49.2	44.7	Ci	97.6	40.81	40.82	3	97.6	47.3	47.7
7 Y	58.2	33.09	32.67	26,39	57.6	48.1	43.8								
N 7 Y	64.2	33.05	32.69	23,57	63.8	48.0	44.3	1664							
9 Y	72.0	32.92	32.64	38,43	72.1	47.1	44.3	L	94.6	43.88		1	94.6	59.4	12.1
10 Y	80.0	32.84	32.64	58,40	80.0	46.2	44.2	W B	25.6	44.21		1	25.6	57.8	06.7
Ci	95.1	32.72	32.67	4	95.1	44.6	44.1	Ber	81.7	44.02		3	81.7	09.0	11.2
								Ci	97.6	43.96		3	97.6	08.8	09.1
1657															
L	94.5	33.04	31.97	1	94.5	58.7	10.6	1665							
W B	23.7	32.69	31.92	1	23.7	02.3	10.9	L	94.0	44.22		2	94.0	38.5	17.7
Mü	62.7	32.46	32.08	3	62.7	09.3	13.5	P	09.4	44.16		5	09.4	36.2	18.5
Tk	82.0	32.02	31.84	3	82.0	07.8	09.8	G	12.6	44.37			12.6	36.6	19.5
R ₃	85.7	31.96	31.82	3	85.7	08.8	10.4	O A	41.6	44.10		1	41.6	30.1	18.7
Ka	93.2	31.96	31.89	5	93.2	09.0	09.7	Arm	42.0	44.29		6,5	41.9	29.8	18.4
Ci	97.5	31.99	31.97	3	97.5	10.5	10.8	R ₁	46.0	44.34		5,4	45.0	30.6	19.8
								Pu	46.3	44.28		4	46.3	28.5	18.0
1658								R ₂	56.4	44.44		5,4	57.3	27.3	18.9
W B	23.7	04.11	04.57	1	23.7	31.4	23.0	Bru	70.9	44.38		4	70.7	24.9	19.2
B	56.7	04.45	04.71	1	56.7	28.0	23.2	Harv	71.7	44.44		2	71.7	25.1	19.5
Mü	58.1	04.35	04.60	5	58.1	25.7	21.1	Ci	95.1	44.37		4	95.1	19.3	18.3
Alb	81.2	04.40	04.51	3	81.2	25.7	23.6								
Ci	97.6	04.58	04.59	3	97.6	22.4	22.1	1666							
1659								W B	23.7	56.91	56.30	1	23.7	08.9	17.3
L	94.5	09.94	09.83	1	94.5	41.9	28.2	Mü	46.2	56.67	56.24	4,3	46.0	11.1	17.0
P M	27.6	10.08	10.01	4	27.6	36.5	27.1	Si	59.6	56.69	56.37	2	59.6	12.2	16.6
W B	28.6	10.01	09.94	1	28.6	32.7	23.4	Cor	78.3	56.44	56.27	5	78.3	15.8	18.2
Ber	70.7	09.96	09.93	2	70.7	31.2	27.4	R ₃	84.6	56.38	56.26	3	84.6	17.9	19.6
Ci	98.1	09.96	09.96	4	98.1	28.1	27.9	10 Y	85.6	56.41	56.30	3,2	85.6	14.8	16.4
								Ci	97.5	56.33	56.32	3	97.5	16.5	16.8
1660								1667							
L	94.7	29.89	30.88	1	94.7	20.9	39.3	W B	28.7	16.02		1	28.7	58.8	47.4
Mü	47.5	30.15	30.64	2,1	47.5	29.2	38.4	Rü	42.0	15.80		1	42.0	55.6	46.3
W A	49.6	30.44	30.91	1	49.6	29.5	38.3	Mü	44.7	16.31		1	44.7	57.6	48.8
R ₃	85.7	30.73	30.86	3	85.7	37.7	40.2	Ber	81.7	15.92		2	81.7	50.4	47.5
Ci	97.6	30.81	30.83	3	97.6	38.1	38.5	Ci	97.6	15.97		3	97.6	48.3	47.9

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1668		s	s			"	"	1691		s	s			"	"
W B.	28.7	08.40	07.76	1	28.7	55.1		Mü	52.3	43.19		3	52.3	10.5	07.2
B	58.7	08.27	07.90	1	58.7	00.2		B	56.8	42.87		1	56.8	10.1	07.1
Ber	82.1	07.82	07.66	2	82.1	58.0		Ci.	94.4	43.01		4	94.4	07.7	07.3
Ci.	97.6	07.82	07.80	3	97.6	58.5									
1671								1692							
F	90.0	26.33	26.90	1	90.0	06.2	21.9	L	97.6	44.61		1	97.6	43.5	33.3
G	08.6	25.78	26.26		08.6	13.4	26.5	W B.	25.6	45.07		1	25.6	43.7	36.3
O A.	41.7	26.19	26.49	1	41.7	11.2	19.5	Ber	81.2	44.97		3	81.2	36.1	34.2
Pu	45.7	26.11	26.39	4	45.7	12.7	20.5	Ci.	97.1	44.88		2	97.1	34.8	34.5
R ₁	46.5	26.13	26.41	6,5	44.7	11.7	19.6								
7 Y	59.6	26.32	26.53	2	59.6	14.3	20.1	1693							
Harv	77.7	26.16	26.28	2	77.7	18.1	21.3	L	94.5	03.68		1	94.5	21.8	38.3
Ci.	95.1	26.32	26.35	4	95.1	20.2	20.9	W B.	23.8	03.40		1	23.8	30.6	42.5
								Mü	55.1	03.19		5	55.1	34.6	41.6
1673								Bru	70.2	03.15		2,0			
L	93.7	26.34	25.91	1	93.7	36.2	15.5	Arm ₂	73.0	03.30		5	73.0	35.8	40.0
W B.	25.6	25.88	25.58	1	25.6	31.4	16.9	Cor	77.7	03.21		4	77.7	37.5	41.0
Ber	81.7	25.83	25.76	2	81.7	18.5	15.0	R ₃	84.9	03.25		3	84.9	37.7	40.0
Ci.	97.6	25.79	25.78	3	97.6	16.5	16.0	Ka	85.7	03.20		4	85.7	37.5	39.7
								Ci.	97.5	03.23		3	97.5	39.3	39.7
1674															
W B.	25.6	36.28	36.80	1	25.6	02.7	52.3	1694							
Rü	45.0	36.13	36.51	1	45.0	01.3	53.6	L	93.6	06.75	05.37	1	93.6	43.8*	23.6
Ber	81.7	36.57	36.70	2	81.7	55.7	53.1	W B.	25.6	06.00	05.03	1	25.6	36.7	22.6
Ci.	97.1	36.66	36.68	2	97.1	53.2	52.8	Ber	82.0	05.44	05.21	3	82.0	26.6	23.2
								Ci.	97.1	05.35	05.31	2	97.1	23.5	22.9
1675														L + 10''	
D'A	83.4	43.65	44.71	1	83.4	49.1	12.4	1698							
L	96.6	44.15	45.09	1	96.6	55.5	16.2	W B.	23.7	42.13		1	23.7	47.5	55.9
G	12.6	44.41	45.21		12.6	57.4	14.9	Mü	45.7	41.88		2	45.7	48.6	54.6
Rü	42.0	44.64	45.17	1	42.0	03.1	14.7	Si	59.6	41.65		2	59.6	50.6	55.0
R ₁	44.7	44.75	45.25	4	44.4	09.2	20.3	R ₃	91.7	41.83		4	91.7	55.2	56.1
Pu	45.9	44.64	45.13	4	45.9	10.1	20.9	Ci.	97.5	41.88		3	97.5	55.1	55.4
B	74.6	44.91	45.14	2	74.6	13.5	18.6								
Ci.	96.6	45.00	45.03	3	96.6	15.8	16.5	1699							
								L	97.6	24.38		1	97.6	01.2	32.5
1678								W B.	25.6	24.78		1	25.6	52.3	31.5
Mü	47.7	30.21		1	47.7	12.9	20.2	Rü	40.0	24.60		4	40.0	45.8	29.0
Mü ₂	87.6	30.15		1	87.6	16.0	17.7	Mü	44.7	24.98		1	44.7	45.3	29.8
R ₃	92.0	30.36		3	92.0	19.5	20.6	B	62.6	24.73		3	62.6	42.2	31.7
Ci.	97.1	30.21		2	97.1	19.6	20.0	Ber	81.7	24.68		2	81.7	36.8	31.7
								Ci.	95.6	24.71		3	95.6	33.1	31.9
1685								1701							
Br.	55.1	01.30		5,4	54.7	37.1	54.2	L	94.6	35.46		1	94.6	57.6	05.5
L	95.6	01.07		2	95.6	41.8	54.1	W B.	22.6	35.13		1	22.6	57.8	03.6
G	09.8	01.38			09.8	43.6	54.2	Mü	55.7	35.33		3	55.7	59.4	02.7
Arm	46.2	01.48		2,6	40.4	47.2	54.2	Sj	62.8	35.27		1	62.8	59.7	02.5
Y	47.4	01.57		2	60.7	50.1	54.7	Arm ₂	81.6	35.39		2	81.6	03.6	05.0
R ₁	47.7	01.38		4,3	45.7	48.5	54.9	R ₃	91.7	35.24		3	91.7	04.8	05.4
Pu	55.0	01.41		3	55.0	48.8	54.1	Ci.	97.1	35.26		2	97.1	03.9	04.1
R ₂	59.3	01.51		5,3	59.0	50.5	55.3								
N 7 Y	65.4	01.40		3	65.4	49.3	53.4	1704							
10 Y	80.0	01.42		3	80.0	50.9	53.3	Br.	54.0	14.23	14.01	7,3	54.4	02.7	19.9
Ci.	97.6	01.35		3	97.6	54.0	54.3	P	00.2	14.44	14.29	8,9	99.6	04.3	16.2
								Arm	32.7	14.25	14.15	5	51.1	13.6	19.4
1687								Wr ₁	33.0	14.25	14.15	6,0			
Br.	53.5	07.63	07.22	5,47	52.6	13.6	01.5	Pu	55.0	14.25	14.18	4	55.0	12.9	18.2
P	99.5	07.41	07.13	5,7	00.0	10.2	02.0	Y	59.0	14.06	14.00	2,4	72.0	14.5	17.8
G	07.7	07.07	06.81		07.7	10.1	02.5	N 7 Y	65.7	14.12	14.07	3	65.7	14.4	18.4
12 Y	41.5	07.30	07.14	7,15	41.5	07.2	02.4	Bru	69.7	14.14	14.09	2	71.1	15.2	18.6
R ₁	46.2	07.34	07.19	4,5	43.1	06.8	02.1	Cor	77.6	14.05	14.02	4	77.6	15.1	17.7
Arm	51.7	07.11	06.97	1,5	42.7	06.6	01.9	R ₃	90.0	14.01	14.00	3	90.0	16.7	17.9
Pu	55.0	07.19	07.06	4	55.0	05.6	01.9	Ci.	97.1	14.09	14.09	2	97.1	17.9	18.2
7 Y	55.8	07.36	07.24	4	55.8	06.0	02.4								
Harv	71.7	07.31	07.23	2	71.7	03.9	01.6								
Ci.	97.6	07.11	07.10	3	97.6	02.4	02.2								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1706		s	s			//	//	1714		s	s			//	//
L	94.5	06.86		1	94.5	29.9	15.0	Mü	47.6	58.41	58.36	2	47.6	59.9	06.7
W B	21.6	07.03		1	21.6	27.1	16.1	W A	49.7	58.37	58.32	1	49.7	00.3	06.8
Rü	41.0	06.69		1	41.0	20.4	12.1	Y	67.6	58.47	58.44	2	59.8	02.4	07.6
Mü	47.9	06.66		6	47.9	20.2	12.9	Cor	78.6	58.41	58.39	4	78.6	05.3	08.1
Gl ₁	73.0	06.72		3	72.4	19.8	15.9	Ci	97.1	58.36	58.36	2	97.1	06.0	06.4
Arm ₂	80.0	06.71		5	80.0	18.3	15.5								
Alb	80.6	06.68		3	80.6	17.9	15.2								
Ci	96.1	06.69		4	96.1	15.5	14.9								
1708								1716							
Ma	56.6	50.34		1	56.6	48.7	06.9	L	94.5	51.56	50.84	1	94.5	57.5*	36.9
L	98.6	50.93		2	98.6	53.6	06.5	Mü	48.5	51.29	50.94	6	48.5	45.9	35.9
P	01.1	50.58		11	01.1	55.7	08.3	Göt ₁	67.7	51.07	50.85	2	67.7	43.2	36.9
Kön	31.8	50.67		8	31.8	58.1	06.8	Bru	68.1	51.00	50.78	5,4	68.1	43.6	37.4
W A	49.7	50.44		1	49.7	00.4	06.8	R ₃	83.8	50.92	50.81	3	83.8	39.3	36.2
Cap	52.4	50.78		2,1	50.6	59.6	05.9	Ci	97.3	50.95	50.93	3	97.3	37.4	36.9
Y	59.7	50.60		2,4	71.7	03.1	06.7							L + 10''	
Bru	65.6	50.68		4	67.4	03.5	07.6	1717							
Cor	77.8	50.66		4,3	77.8	04.4	07.2	Mü	42.4	55.80	55.40	4	42.4	36.8	24.1
Go	86.3	50.62		4	86.3	04.8	06.5	Göt ₂	58.6	55.87	55.58	1	58.6	31.9	22.8
Ci	94.4	50.66		4	94.4	06.7	07.4	Ci	96.4	55.47	55.44	4	96.4	24.6	23.8
1710								1721							
Ma	56.7	42.72	42.86	1	56.7	51.5	02.2	Br	53.7	46.93	47.65	1,2	53.8	45.5	58.4
L	95.5	42.59	42.69	2	95.5	53.8	01.6	P	98.3	46.82	47.32	6,5	98.3	51.9	00.8
P	00.7	42.83	42.93	11	00.7	56.1	03.6	Abo	30.0	47.01	47.35	8	30.0	53.7	59.9
Mü	47.7	42.47	42.52	1	47.7	57.2	01.1	Pu	46.2	47.12	47.38	9	46.2	55.4	00.1
Cap	52.6	42.88	42.93	2	51.1	58.4	02.1	Arm	48.7	47.27	47.52	4,6	42.9	55.4	00.4
Bru	67.6	42.77	42.80	4,3	66.6	59.8	02.3	R ₂	59.4	47.24	47.44	4,5	56.1	55.9	59.8
Cor	79.7	42.84	42.86	3	79.7	02.3	03.8	Bru	64.2	47.21	47.39	2,4	65.4	55.9	58.9
Go	86.1	42.84	42.85	4	86.1	00.6	01.7	N 7 Y	65.7	47.17	47.34	3	65.7	56.9	59.9
R ₃	91.8	42.99	43.00	3	91.8	02.9	03.5	Y	68.3	47.19	47.35	5,9	60.1	56.9	00.4
Ci	97.3	42.89	42.89	3	97.3	02.4	02.6	Ci	97.3	47.33	47.34	3	97.3	58.7	58.9
1711								1722							
Ma	56.7	37.82		1	56.7	15.2	28.5	F	90.0	00.94	01.20	1	90.0	42.8*	59.4
L	99.6	37.97		3	99.6	19.2	28.5	G	11.7	01.03	01.24	11,7	45.2	58.5	
P	99.8	37.63		12,11	00.0	18.2	27.5	P M	24.7	00.90	01.08	5	24.7	45.6	57.0
Mü	47.6	37.67		3,2	47.6	21.0	25.9	R ₁	45.4	01.06	01.19	3	45.4	50.2	58.4
W A	49.7	37.98		1	49.7	22.5	27.2	Bru	71.4	01.15	01.22	3,2	71.4	53.8	58.1
Cap	52.2	37.94		2,1	50.7	23.3	27.9	Harv	77.3	01.24	01.29	4	77.3	55.5	58.9
Y	68.7	37.78		2,5	55.3	23.3	27.5	Ci	95.2	01.17	01.18	4,3	95.2	57.4	58.1
Bru	68.9	37.84		4,3	66.9	24.3	27.4							F - 1'	
Cor	79.6	37.69		3	79.6	25.2	27.1								
Go	86.0	37.81		5,4	86.7	26.0	27.2	1724							
R ₃	90.3	37.76		3	90.3	27.5	28.4	L	94.6	22.29	21.87	1	94.6	19.9	43.1
Ci	97.1	37.72		2	97.1	28.0	28.3	Mü	46.6	22.19	21.98	1	46.6	37.7	49.4
1712								Dun	81.7	22.13	22.06	2	81.7	40.2	44.2
L	95.6	00.94	00.83	1	95.6	03.5	23.9	Mü ₂	84.6	21.88	21.82	1	84.6	40.0	43.4
P M	24.0	00.99	00.91	4	24.0	12.5	27.3	Ci	94.9	21.95	21.93	5	94.9	43.2	44.3
W B	25.7	00.79	00.71	1	25.7	10.8	25.3								
Mü	42.8	00.78	00.72	1	42.8	12.3	23.5	1733							
Pu	51.8	01.04	00.99	2	51.8	16.9	26.3	L	94.1	28.18	28.75	2	94.1	33.9	37.3
Ber	70.2	00.87	00.84	2	70.2	21.9	27.7	G	11.9	28.32	28.80	11,9	34.2	37.0	
Rmg	75.0	00.92	00.89	4	75.0	21.3	26.2	R ₁	46.7	28.56	28.85	3	45.7	36.5	38.2
Ber	93.6	00.91	00.90	3	93.6	25.1	26.3	Rmg	75.0	28.64	28.77	16	75.0	36.9	37.7
Ci	97.7	00.88	00.88	3	97.7	25.5	25.9	B	80.1	28.75	28.86	2	80.1	37.7	38.3
1713								Ci	96.6	28.74	28.76	3	96.6	37.4	37.5
Br	54.6	31.36	31.68	9,3	54.1	48.7	04.8	1736							
P	00.9	31.37	31.61	16,14	00.0	52.7	03.7	L	94.5	16.52	15.52	1	94.5	42.6	50.2
P M	30.0	31.71	31.86	7	30.0	56.3	04.0	P	08.6	16.63	15.76	4	08.6	43.1	49.7
Arm	42.6	31.74	31.87	5,7	42.7	58.7	05.0	Mü	41.4	15.96	15.40	4	41.4	41.1	45.3
Pu	55.0	31.77	31.87	4	55.0	59.8	04.8	Arm	48.4	16.02	15.53	3,0	67.5	46.4	48.7
Gl ₁	65.3	31.76	31.84	5,3	65.8	59.6	03.4	Bru	64.7	15.90	15.57	2,4	79.7	47.4	48.9
N 7 Y	65.7	31.73	31.81	3,2	65.7	00.5	04.3	Cor	79.7	15.74	15.55	3	80.7	46.9	48.3
Bru	73.7	31.84	31.90	2,1	72.8	00.5	03.5	10 Y	80.7	15.79	15.61	3	83.7	47.1	48.3
Rmg	75.0	31.79	31.85	4	75.0	01.4	04.2	R ₃	83.7	15.70	15.55	3	94.7	48.4	48.8
Ber	80.8	31.77	31.81	2	80.8	01.3	03.4	Ci	94.7	15.72	15.67	3			
Ci	97.2	31.79	31.80	3	97.2	04.1	04.4								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1737		s	s			//	//	1751		s	s			//	//
L	94.5	16.99	16.05	1	94.5	42.6	49.1	Br	53.7	03.55		1,0			
P	08.6	17.50	16.68	4	08.6	43.6	49.3	L	94.7	04.56		2	94.7	28.2	37.7
W B	21.7	16.76	16.06	1	21.7	48.5	53.4	Arm	48.7	04.24		5	43.5	32.2	37.3
P M	24.6	16.79	16.11	5	24.6	45.0	49.7	Wr ₂	51.2	04.15		5,0			
Mü	42.2	16.55	16.03	2	42.2	44.0	47.6	Pu	55.0	04.26		6,5	55.0	34.5	38.5
Arm	48.4	16.80	16.34	4,0				R ₂	59.9	04.38		4,5	57.1	34.8	38.7
Bru	68.4	16.57	16.29	3,5	66.7	48.0	50.1	Bru	63.0	04.06		3,5	69.1	33.9	36.7
Cor	77.6	16.35	16.15	4,3	77.6	49.0	50.4	N 7 Y	65.4	04.22		3	65.4	35.6	38.7
10 Y	80.0	16.47	16.29	3	80.0	47.6	48.8	Ci	97.2	04.27		2	97.2	37.2	37.5
R ₃	83.5	16.43	16.28	4,3	83.7	48.1	49.1								
Ci	94.7	16.38	16.33	3	94.5	49.0	49.3	1752							
1740								D'A	84.9	12.28	13.66	1	84.9	38.9*	19.0
Br	51.8	18.13	18.37	1,0				L	93.8	12.95	14.22	1	93.8	41.3	18.3
Ma	56.9	17.83	18.06	8	56.9	58.7	15.3	W B	23.8	12.97	13.88	1	23.8	57.0	23.5
P	98.3	18.02	18.18	30,31	98.3	01.6	13.3	Mü	42.8	13.70	14.39	1	42.8	00.0	19.9
Mü	47.6	18.01	18.09	1	47.6	09.6	15.7	Ber	70.1	13.62	13.98	2	70.1	09.9	20.3
W A	49.7	18.05	18.13	1	49.7	09.5	15.3	Mü ₂	86.2	13.68	13.85	2	86.2	15.6	20.4
Arm	50.9	18.06	18.14	7,3	51.4	08.9	14.5	Ber	93.7	13.83	13.91		93.7	16.2	18.4
Cap	52.7	18.00	18.08	2,1	50.6	06.9	12.6	Ci	97.7	13.85	13.88	3	97.7	17.9	18.7
R ₂	57.0	18.06	18.13	5	55.8	09.6	14.7							D'A — 10''	
Bru	59.6	17.95	18.01	7,8	60.6	09.1	13.7	1756							
Y	63.3	18.03	18.09	8,3	69.8	11.1	14.6	Br	54.1	11.34	10.49	8,5	55.7	27.0	49.2
Mel ₁	66.2	18.05	18.10	4,3	67.1	10.9	14.7	P	03.3	11.41	10.85	17	03.3	34.2	49.1
Cor	78.8	18.08	18.11	3	78.8	11.7	14.2	Cap	29.7	10.94	10.53	4,0			
10 Y	81.6	18.13	18.16	3,4	81.9	11.7	13.8	J	30.0	10.90	10.49	5	30.0	40.9	51.7
R ₃	81.7	18.06	18.09	3,4	81.6	12.2	14.3	Cb ₁	34.0	10.89	10.51	5,2	34.0	38.9	49.1
Ci	97.3	18.10	18.10	3	97.3	13.9	14.2	Cap	40.0	10.88	10.53	7,9	40.0	41.2	50.4
1741								12 Y	40.0	10.89	10.54	10,23	40.0	40.9	50.1
L	01.6	42.01	44.57	1	01.6	30.0*	23.1	Cap	60.0	10.77	10.54	9,15	60.0	44.0	50.2
W B	23.8	43.31	45.30	1	23.8	30.4	25.1	7 Y	60.0	10.75	10.52	17	60.0	43.7	49.9
Rü	41.0	43.53	45.06	3	41.0	25.6	21.5	9 Y	72.0	10.74	10.58	4	72.0	45.2	49.5
Ber	69.5	44.29	45.08	2	69.5	25.9	23.8	Cor	77.0	10.67	10.54	8	77.0	45.7	49.2
Ber	93.6	44.79	44.96		93.6	23.5	23.1	Cap	80.0	10.66	10.54	4	80.0	47.0	50.1
Ci	97.7	44.90	44.96	3	97.7	23.8	23.6	Ci	96.7	10.51	10.49	3	96.7	48.8	49.3
1743						L — 10''		1759							
Br	54.1	57.99	58.92	6,28	53.1	58.6	05.8	W B	23.8	10.28	10.05	1	23.8	05.2	53.0
P	03.1	58.33	58.95	31,18	03.5	58.6	03.3	Wn	58.7	09.89	09.77	1	58.7	01.0	54.4
G	07.1	58.37	58.96		07.1	00.3	04.9	Ber	70.7	10.16	10.07	2	70.7	57.8	53.1
Arm	40.3	58.55	58.93	6,5	39.9	02.7	05.6	Mü ₂	86.8	09.75	09.71	1	86.8	55.6	53.5
12 Y	41.4	58.61	58.99	5,17	40.1	02.1	05.1	Ber	93.8	10.04	10.02		93.8	55.0	54.0
R ₁	51.1	58.64	58.95	9	49.4	02.0	04.5	Ci	97.7	10.06	10.05	3	97.7	54.2	53.8
Pu	55.0	58.58	58.87	6	55.0	02.8	05.0	1760							
7 Y	57.5	58.74	59.01	19,11	57.4	03.0	05.1	L	01.6	08.78*	10.08	2	01.6	07.0	16.9
N 7 Y	64.7	58.74	58.97	13,12	64.9	03.5	05.2	Mü	47.6	08.93	09.63	1,0			
9 Y	70.2	58.77	58.96	7,4	70.0	03.3	04.8	W A	49.7	09.30	09.96	1	49.7	13.5	18.6
B	76.6	58.69	58.84	2	76.6	03.4	04.5	Cap	80.8	09.92	10.17	2	80.8	16.7	18.6
10 Y	80.0	58.81	58.94	12	80.0	04.4	05.4	Ci	97.3	09.92	09.96	3	97.3	16.5	16.8
Ci	96.6	58.93	58.95	3	96.6	04.1	04.3			2d obs — 1 ^s					
1747								1761							
W B	23.8	48.81	48.43	1	23.8	48.6	55.5	L	01.6	26.30	28.44	2	01.6	19.6	45.0
Mü	43.7	48.84	48.56	2	43.7	53.2	58.3	Mü	47.6	27.17	28.31	1	47.6	30.1*	43.6
Ber	80.7	48.51	48.41	2	80.7	56.6	58.3	W A	49.7	27.29	28.39	2	49.7	29.7	42.7
Ci	97.3	48.52	48.51	3	97.3	56.2	56.4	Cap	81.4	27.90	28.30	3	81.4	39.7	44.5
1750								Ci	89.0	28.25	28.49	3	89.0	41.0	43.8
W B	21.7	43.75*	43.99	1	21.7	03.9	56.9	Ci	97.2	28.35	28.41	2	97.2	44.0	44.7
Mü	41.6	43.38	43.56	1	41.6	59.6	54.3							Mü + 10''	
Sj	61.8	43.46*	43.58	1	61.8	58.0	54.6	1765							
Bru	68.7	43.33	43.42	2,3	72.3	58.7	56.2	Br	54.3	51.41	51.91	10,4	54.3	01.7	16.6
Mü ₂	86.8	43.38	43.42	2	86.8	57.7	56.5	P	97.5	51.51	51.86	6	97.5	06.0	16.4
Ci	95.2	43.56	43.57	3	95.2	56.3	55.9	Arm	39.8	51.63	51.84	6,5	39.6	10.4	16.5
W B — 1 ^s Sj + 1 ^s								Pu	55.0	51.71	51.86	4	55.0	11.1	15.7
								R ₂	58.5	51.77	51.91	5	55.8	10.8	15.3
								7 Y	60.7	51.70	51.83	4	60.7	12.2	16.2
								Bru	73.2	51.87	51.96	9,5	70.9	13.1	16.1
								10 Y	80.0	51.82	51.89	3,8	80.0	14.1	16.1
								Ci	97.3	51.83	51.84	3	97.3	16.4	16.7

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1766		s	s			//	//	1783		s	s			//	//
Mü	41.7	09.80	10.27	1	41.7	48.4	56.6	L	95.6	03.73	04.17	1	95.6	49.3	03.7
Leip	70.0	09.94	10.18	2	70.0	51.5	55.7	W B	22.9	03.81	04.13	1	22.9	53.6	04.2
Leip	84.9	10.16	10.28	5	84.9	54.3	56.4	Mü	54.3	04.02	04.21	2,1	45.7	57.6	05.1
Mü ₂	85.8	09.85	09.96	1	85.8	56.2	58.2	Si	59.6	04.04	04.21	2	59.6	58.3	03.9
Ci	95.7	10.21	10.24	3	95.7	55.5	56.1	Sj	62.8	03.87	04.03	1	62.8	58.1	03.2
								Y	68.7	04.00	04.13	2	55.7	57.9	04.0
								R ₃	86.0	04.01	04.07	3	86.0	02.5	04.4
								Ci	97.4	04.19	04.20	3	97.4	02.9	03.3
1769								1785							
Br	54.1	30.07	31.81	5,18	53.0	39.1	57.5	L	95.7	21.87	21.45	1	95.7	00.7	43.0
D'A	83.5	30.15	31.54	3	83.5	41.4	56.0	W B	21.6	23.37	23.06	1	21.6	59.5	46.2
P	01.9	30.81	31.98	9,18	01.9	44.9	57.2	Mü	48.2	21.92	21.71	4,5	47.3	52.7	43.8
G	10.1	30.79	31.86		10.1	45.4	56.6	Pu	92.6	21.43	21.40	4	92.6	46.7	45.4
Abo	30.0	31.05	31.88	8	30.0	46.8	55.6	Ci	94.7	21.62	21.60	3	94.7	45.2	44.3
Arm	40.4	31.30	32.01	6,5	39.7	49.2	56.7								
R ₁	45.0	31.29	31.94	5,10	45.0	49.1	56.0								
Pu	55.0	31.40	31.94	4	55.0	51.1	56.7								
N 7 Y	64.0	31.41	31.84	3,2	64.0	51.5	56.0								
B	73.1	31.48	31.80	2,3	73.1	53.4	56.8								
Rmg	75.0	31.47	31.77	10	75.0	53.7	56.8								
Ci	94.7	31.83	31.89	3	94.7	56.5	57.2								
1776								1786							
Mü	41.8	30.77		3,2	41.7	32.8	25.8	L	95.7	23.95	25.37	1	95.7	13.1	27.3
B	55.8	30.58		1	55.8	30.2	24.9	W B	21.6	25.03	26.10	1	21.6	24.2	34.9
Kön	93.8	30.73		3,1	93.8	27.2	26.5	Mü	48.6	24.57	25.27	9,8	49.3	22.7	29.6
Ci	95.7	30.69		3	95.7	25.9	25.4	B	54.8	25.00	25.61	1	54.8	22.3	28.4
								Mü ₂	87.8	25.01	25.18	1	87.8	26.1	27.8
								Pu	92.6	25.14	25.24	2	92.6	28.0	29.0
								Ci	96.2	25.32	25.37	2	96.2	26.8	27.3
1777								1788							
Rü	41.0	34.17	33.99	2	41.0	57.9	50.8	Br	53.8	43.23	44.59	1,0			
Mü	42.8	34.05	33.88	1	42.8	53.7	46.8	L	91.7	43.63	44.64	1	91.7	49.7	57.5
Wn	63.2	33.96	33.85	4	63.2	49.5	45.1	W B	25.8	44.07	44.76	1	25.8	46.3	51.6
Ber	70.7	34.06	33.97	2	70.7	48.9	45.4	Rü	46.0	43.95	44.45	1	46.0	44.9	48.8
Ber	93.7	33.92	33.90		93.7	47.3	46.5	Pü	46.2	44.24	44.74	4	46.2	51.2	55.1
Ci	97.7	33.96	33.95	3	97.7	48.5	48.2	Arm	47.5	44.37	44.86	5	53.6	50.9	54.2
								R ₁	48.0	44.18	44.66	3,5	50.8	51.8	55.3
								Y	60.0	44.34	44.71	4,5	60.6	53.2	56.0
								N 7 Y	66.1	44.46	44.78	3	66.1	52.5	54.9
								B	76.1	44.35	44.57	3	76.1	54.8	56.5
								Ci	96.6	44.61	44.64	3	96.6	54.9	55.1
1778								1790							
P	94.3	45.44	45.93	6	94.3	49.8	40.6	W B	23.8	38.75		1	23.8	47.8	04.6
L	96.5	45.03	45.52	1	96.5	49.8	40.8	Rü	42.0	38.49		1	42.0	49.8	02.6
W B	25.6	45.25	45.60	1	25.6	47.0	40.5	Mü	42.8	38.75		2	42.8	49.3	01.9
Bru	58.5	45.54	45.74	7,12	62.7	43.4	40.2	Ber	70.2	38.58		2	70.2	57.7	04.3
Cb	81.5	45.65	45.73	5	81.5	41.2	39.6	Ber	93.7	38.64			93.7	02.3	03.7
Ci	97.3	45.72	45.73	3	97.3	40.9	40.7	Ci	97.7	38.66		3	97.7	02.6	03.1
1779								1791							
L	95.1	53.38	52.74	2	95.1	18.2	10.0	L	95.1	59.54	58.49	2	95.1	25.3	20.6
P	07.0	53.36	52.79	5	07.0	13.7	06.4	W B	21.7	59.59	58.81	2	21.7	22.7*	19.2
W B	21.7	53.56	53.08	2	21.7	13.9	07.8	P M	25.8	59.39	58.65	3	25.8	21.4	18.1
Si	40.0	52.96	52.59	6	40.0	09.4	04.7	Si	40.0	59.07	58.47	3	40.0	19.9	17.2
Mü	42.4	53.12	52.77	3	42.4	11.6	07.1	Mü	49.1	59.05	58.54	11	49.1	21.2	18.9
Bru	68.1	52.96	52.77	3	67.3	10.6	08.0	Bru	69.5	58.84	58.54	5,3	69.7	19.8	18.4
Gl ₁	77.7	52.95	52.80	3	73.9	10.4	08.4	Rmg	75.0	58.83	58.58	5	75.0	21.2	20.1
Gl ₂	89.7	52.84	52.78	4,3	90.7	08.2	07.5	Alb	80.4	58.77	58.57	3	80.4	20.1	19.2
Ci	95.2	52.81	52.78	4	95.2	08.4	08.0	Ci	97.4	58.62	58.59	3	97.4	19.5	19.4
1781								1793						W B — 10'	
L	95.7	03.74	03.43	1	95.7	59.1	50.4	W B	21.7	38.17	37.07	1	21.7	06.4	59.0
W B	21.6	04.15	03.91	1	21.6	00.1	53.6	Mü	46.3	37.76	37.01	2	46.3	07.7	02.6
Si	40.0	03.58	03.40	3	40.0	54.0	49.0	Göt ₂	60.6	37.56	37.00	2	60.6	06.8	03.0
Mü	49.0	03.58	03.43	10	49.0	56.7	52.5	Bru	67.7	37.36	36.90	3,2	68.7	04.2	01.2
Gl ₁	73.1	03.54	03.46	3,4	77.3	52.5	50.6	Gl ₁	71.6	37.30	36.90	4,3	68.7	01.8	58.8
Y	73.3	03.57	03.49	4,3	67.7	53.5	50.8	Gl ₂	89.8	37.20	37.06	2	91.6	02.9	02.1
Cor	78.3	03.59	03.52	5	78.3	52.9	51.1	Ci	96.7	37.10	37.05	3	96.7	00.3	00.0
Gl ₂	88.2	03.47	03.43	4,3	89.8	51.5	50.7								
Ci	95.3	03.54	03.52	3	95.3	51.9	51.5								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1795		s	s			//	//	1809		s	s			//	//
Br.	53.6	30.26	29.25	2,3	54.1	05.4	47.2	L.	92.7	38.41	38.64	2	92.7	08.9	23.7
P.	01.3	30.17	29.49	12	01.3	57.7	45.4	P.	09.2	38.57	38.76	9	09.2	08.1	20.6
Arm.	32.1	29.85	29.38	5	51.9	53.3	47.3	G.	11.7	38.24	38.43		11.7	12.0	24.2
Wr ₁	33.0	29.82	29.36	6,0				R ₁	44.8	38.53	38.65	6,4	44.2	15.9	23.6
Mü.	42.3	29.86	29.46	3	42.3	53.7	46.5	B.	71.3	38.61	38.67	2	71.3	19.7	23.7
12 Y.	45.0	29.80	29.42	5,10	37.0	53.9	46.0	Ci.	96.3	38.59	38.60	2	96.3	22.3	22.8
Pu.	55.0	29.76	29.45	4	55.0	52.4	46.8								
R ₂	57.5	29.67	29.38	6,5	56.2	51.1	45.6	1812							
Bru.	72.1	29.75	29.56	8,3	67.7	50.2	46.2	Mü.	42.6	27.01	27.41	2	42.6	22.8	09.0
Beck.	75.0	29.54	29.37	4	75.0	49.9	46.8	B.	55.7	26.90	27.21	1	55.7	24.8	14.2
Ci.	97.4	29.39	29.37	3	97.4	46.7	46.4	Ber.	70.7	27.02	27.22	2	70.7	20.8	13.8
								Ber.	94.0	27.20	27.24		94.0	14.5	13.1
1796								Ci.	97.7	27.26	27.28	3	97.7	13.3	12.8
L.	94.6	39.85	39.60	1	94.6	14.9	00.9								
W B.	21.8	39.66	39.47	1	21.8	13.6	03.2	1814							
Mü.	42.6	39.44	39.30	2	42.6	09.9	02.3	L.	94.6	44.79		1	94.6	06.9	59.0
Rü.	43.0	39.62	39.48	1,0				W B.	21.8	45.03		2	21.8	05.8	59.9
Gl ₁	70.4	39.64	39.57	3,4	72.8	05.1	01.5	Mü.	41.8	44.80		2	41.8	00.6	56.2
Gl ₂	88.8	39.64	39.61	4	90.5	04.1	02.8	Göt ₂	61.8	44.99		1	61.8	59.5	56.6
Ci.	94.8	39.55	39.54	3	94.8	02.8	02.1	Gl ₁	69.4	45.01		3	69.4	00.9	58.6
								Arm ₂	77.2	45.05		2,4	74.5	59.5	57.6
1800								Ci.	97.3	44.85		2	97.3	59.5	59.3
L.	95.6	12.68	11.33	1	95.6	25.3	12.2								
W B.	22.8	12.69	11.69	2	22.8	20.2	10.6	1817							
Mü.	43.7	12.52	11.79	2	43.7	14.5	07.5	L.	93.6	31.63	33.18	2	93.6	15.6	03.5
Rü.	46.0	11.92	11.22	1	46.0	18.7	12.0	W B.	25.7	31.96	33.04	2	25.7	14.4	05.9
Göt ₂	61.8	11.88	11.39	1	61.8	14.3	09.5	Arm.	52.1	32.28	32.98	3,5	48.7	11.3	05.5
Ber.	70.7	11.81	11.43	2	70.7	13.9	10.2	Pu.	56.7	32.45	33.08	4	56.7	10.2	05.3
Ber.	94.0	11.68	11.60		94.0	11.8	11.1	Bru.	70.4	32.66	33.09	4,3	66.0	08.3	04.4
Ci.	97.7	11.59	11.56	3	97.7	12.2	11.9	9 Y.	72.7	32.69	33.09	5,13	72.3	07.7	04.5
								Y.	76.7	32.70	33.04	3	73.4	08.4	05.4
1801								Ber.	81.8	32.83	33.09	2	81.8	06.8	04.7
W B.	23.8	42.65	41.66	1	23.8	03.5		10 Y.	82.6	32.79	33.04	4,10	82.1	06.5	04.5
Mü.	44.8	42.41	41.69	1	44.8	00.0		Ci.	96.3	33.01	33.06	2	96.3	04.6	04.2
Ber.	81.2	41.87	41.62	4	81.2	02.5									
Ci.	97.4	41.72	41.69	3	97.4	03.5		1818							
								Br.	54.3	36.77		2,0			
1802								L.	94.6	36.41		1	94.6	00.8	06.9
L.	94.6	14.55	15.77	2	94.6	38.6	40.7	Wr ₁	33.0	36.70		11,0			
W B.	22.5	14.83	15.73	3	22.5	39.6	41.2	Lam.	34.0	36.90		1	34.0	05.4	09.2
Si.	40.0	14.84	15.54	1	40.0	39.4	40.6	Arm.	36.2	36.72		10,2	54.7	06.6	09.2
Mü.	46.2	15.19	15.81	7	46.2	38.6	39.7	Rü.	43.0	36.51		2	43.0	12.6	15.9
Rü.	48.0	14.91	15.51	1	48.0	37.3	38.3	Mü.	45.8	36.83		3	45.8	07.5	10.6
Sj.	61.9	15.39	15.83	1	61.9	41.3	42.1	Y.	48.7	36.63		1,2	68.3	05.9	07.7
B.	64.8	15.41	15.82	2	64.8	40.3	41.0	Cap.	52.2	36.76		2,1	50.4	07.5	10.4
Ci.	94.8	15.63	15.69	3	94.8	40.2	40.3	7 Y.	60.6	36.62		1	60.6	06.7	09.0
								N 7 Y.	62.8	36.66		5	62.8	06.3	08.5
1803								Pu.	64.2	36.73		4	64.2	06.8	08.9
Br.	54.2	20.67	21.63	5,3	54.1	22.5	39.3	Bru.	64.7	36.61		3,5	68.2	07.0	08.8
P.	97.2	21.39	22.07	14	97.2	27.1	38.9	Cor.	77.8	36.66		4	77.8	07.4	08.7
6 Y.	48.8	21.21	21.55	3	49.7	30.5	36.3	10 Y.	80.0	36.75		6	80.0	07.4	08.6
W A.	49.6	21.38	21.71	2	49.6	32.4	38.2	Ci.	97.2	36.72		2	97.2	07.8	08.0
Cap.	51.7	21.43	21.75	2,1	51.7	32.5	38.1								
Y.	62.5	21.39	21.64	9,2	65.3	34.6	38.6	1819							
Bru.	64.3	21.31	21.55	2,4	68.7	34.6	38.2	Br.	55.2	29.71	29.26	8,3	54.1	19.6	39.2
Cor.	76.3	21.42	21.58	5	76.3	35.9	38.6	Ma.	56.7	29.92	29.47	6	56.7	18.1	37.3
Cap.	80.0	21.52	21.65	3	80.0	37.2	39.5	P.	98.6	29.69	29.38	12,14	98.3	26.2	39.8
Cap.	81.7	21.49	21.61	6,3	82.3	36.3	38.3	Wr ₁	33.0	29.62	29.41	10,0			
Ci.	97.4	21.63	21.64	3	97.4	38.7	39.0	Arm.	41.4	29.41	29.23	2,1	53.7	33.3	39.5
								Cap.	52.7	29.55	29.40	2	50.7	30.5	37.1
1804								R ₂	60.1	29.57	29.45	3,4	60.5	33.1	38.4
W B.	25.8	26.84	29.07	2	25.8	09.9	18.8	N 7 Y.	66.8	29.41	29.31	3	66.8	33.0	37.4
Ber.	81.6	28.59	29.14	2	81.6	15.3	17.5	Y.	68.7	29.39	29.29	2,3	56.7	32.8	38.6
Ci.	97.5	29.02	29.09	4	97.5	18.7	19.0	Bru.	70.4	29.33	29.24	3,2	66.2	34.5	39.0
								9 Y.	72.4	29.47	29.38	9	72.4	34.7	38.4
1805								Cor.	78.7	29.38	29.31	4	78.7	35.4	38.3
W B.	25.8	39.07	37.20	1	25.8	36.7	16.7	Cap.	80.4	29.43	29.37	12	82.3	36.1	38.5
B.	66.7	38.05	37.22	1	66.7	26.8	17.8	Ci.	97.2	29.42	29.41	2	97.2	37.2	37.6
B.	86.6	37.57	37.24	4	86.6	21.5	17.9								
Ci.	95.7	37.32	37.21	3	95.7	17.6	16.4								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1821		s	s			"	"	1839		s	s			"	"
W B.	21.6	44.96	44.10	3	21.6	34.3	25.7	Br	54.7	40.08	41.49	5.4	54.2	52.7	07.6
Mü	47.6	44.40	43.82	5	47.6	27.6	21.8	P	99.1	40.30	41.28	8	99.1	59.4	09.7
Alb	81.1	44.23	44.02	3,4	81.1	26.2	24.1	Abo	30.0	40.82	41.50	8	30.0	00.9	08.0
Ci	97.4	44.10	44.07	3	97.4	24.8	24.5	Arm	39.8	40.79	41.37	5,6	38.9	02.8	09.0
								Pu	55.0	40.98	41.42	5	55.0	03.6	08.2
1824								R ₂	59.5	41.14	41.53	4,3	57.7	04.6	08.9
Br	53.7	36.74	39.31	2	53.0	44.1	51.6	N 7 Y	65.7	41.17	41.50	4,21	64.1	04.0	07.7
P	06.3	37.46	39.11	13,7	09.0	49.1	53.7	Bru	67.5	41.07	41.39	4,3	66.4	03.5	06.9
G	11.8	37.45	39.00		11.8	48.3	52.8	Y	68.8	41.12	41.42	2,9	57.2	04.5	08.9
Arm	47.2	38.25	39.18	2,5	41.8	48.6	51.6	9 Y	70.7	41.10	41.38	4,20	71.3	05.4	08.3
R ₁	49.2	38.34	39.23	4	43.4	48.3	51.2	Rmg	75.0	41.12	41.36	4	75.0	05.2	07.7
Pu	55.0	38.41	39.20	5	55.0	49.5	51.8	10 Y	80.0	41.25	41.44	3,5	80.0	05.4	07.4
N 7 Y	66.9	38.69	39.27	3	66.9	50.8	52.5	Ci	97.3	41.38	41.41	2	97.3	08.3	08.6
B	75.1	38.71	39.15	2	75.1	50.3	51.6								
Ci	94.7	39.10	39.19	3	94.7	51.5	51.8	1841							
								L	94.9	41.93	43.64	1	94.9	47.8	01.8
1826								W B	23.8	42.29	43.53	1	23.8	55.9	06.0
L	95.6	24.43	23.45	1	95.6	41.3	31.8	Rü	42.0	42.59	43.54	1	42.0	57.0	04.7
W B	22.8	24.55	23.83	2	22.8	43.4	36.4	Wn	61.6	43.17	43.79	1	61.6	59.9	05.0
Rü	42.0	23.87	23.32	1	42.0	38.4	33.1	Göt ₂	62.8	43.15	43.76	1	62.8	00.4	05.3
Mü	42.6	24.06	23.53	2	42.6	38.1	32.9	Ber	70.7	43.16	43.64	2	70.7	59.6	03.5
Göt ₂	61.8	23.91	23.55	1	61.8	39.5	36.0	Ber	93.6	43.49	43.59		93.6	02.0	02.9
Ber	70.5	23.81	23.53	4	70.5	36.7	34.0	Ci	97.7	43.51	43.55	3	97.7	03.4	03.7
Arm ₂	71.5	23.88	23.61	5	71.5	37.2	34.6								
Gl ₁	80.1	23.80	23.61	7,3	78.4	34.9	32.9	1843							
Gl ₂	88.7	23.76	23.65	4,2	90.6	33.4	32.5	W B	21.6	30.37	29.74	2	21.6	09.1	04.4
Ci	95.7	23.64	23.60	3	95.7	33.9	33.5	Mü	49.6	29.78	29.38	5,6	49.6	06.8	03.8

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1852		s	s			//	//	1864		s	s			//	//
Br	52.5	59.58		4,2	53.8	41.6	56.8	L	99.2	07.26	06.25	2	99.2	12.9	19.6
P	99.0	59.36		9	99.0	46.2	56.7	W B	21.7	07.06	06.28	2	21.7	19.2	24.4
J	30.0	59.45		5,7	30.0	51.9	59.2	Mü	47.5	06.76	06.24	10,8	48.0	15.2	18.6
Cap				0,14	37.3	50.9	57.4	Sj	62.7	06.65	06.28	1	62.7	15.7	18.2
12 Y	45.0	59.52		3,16	40.5	50.6	56.8	Göt ₂	62.8	06.70	06.33	1	62.8	17.8	20.3
Cap	52.6	59.45		2	50.9	50.5	55.6	B	62.9	06.62	06.25	4	62.9	17.4	19.9
Cap	60.4	59.45		5	60.4	53.0	57.1	Göt ₁	67.6	06.59	06.27	2	67.6	20.2	22.3
7 Y	60.7	59.33		3	60.7	52.6	56.7	Bru	73.4	06.46	06.19	3	73.1	17.9	19.7
Y	66.4	59.38		3,6	72.3	54.5	57.4	Gl ₁	73.6	06.55	06.29	4,3	71.3	17.1	19.0
Cor	74.7	59.54		4	74.7	54.3	56.9	Gl ₂	90.8	06.23	06.14	2,3	91.3	17.3	17.9
Cap	78.7	59.48		3	78.7	54.5	56.7	Ci	94.8	06.32	06.27	3	94.8	18.7	19.0
Mel ₂	80.7	59.40		4	80.7	55.2	57.2								
Ci	97.4	59.56		3	97.4	56.4	56.7								
1853								1865							
L	94.7	18.47	19.59	1	94.7	42.7		W B	25.8	16.90	16.08	1	25.8	17.3	04.7
W B	23.8	18.74	19.55	1	23.8	46.7		Rü	46.0	16.56	15.97	1	46.0	12.0	02.8
Mü	42.8	18.93	19.54	2	42.8	46.4		B	57.8	16.84	16.38	1	57.8	11.1	03.9
Göt ₂	62.8	19.25	19.64	1	62.8	42.6		Ber	80.5	16.28	16.07	3	80.5	07.2	03.9
Ber	70.8	19.29	19.60	2	70.8	46.8		Ci	96.3	16.12	16.08	2	96.3	04.5	03.9
Ci	97.7	19.53	19.55	3	97.7	46.1									
1855								1868							
L	93.8	40.35	41.96	1	93.8	09.2	58.3	L	94.3	38.60	37.67	2	94.3	46.7	36.1
W B	22.8	40.78	41.95	1	22.8	06.6	58.6	W B	22.3	38.47	37.79	2	22.3	44.8	37.0
Göt ₂	61.8	41.45	42.03	1	61.8	05.2	01.3	Mü	41.8	38.23	37.72	4	41.8	42.0	36.2
B	64.8	41.52	42.05	2	64.8	00.6	57.0	Gl ₁	70.7	38.05	37.79	3	70.7	39.1	36.2
Gl ₁	77.2	41.56	41.91	4,3	78.7	58.7	56.5	Gl ₂	90.6	38.07	37.99	3	90.6	34.7	33.8
Gl ₂	89.4	41.71	41.87	3	89.8	00.2	59.1	Ci	94.8	37.75	37.71	3	94.8	37.1	36.6
Ci	94.8	41.89	41.97	3	94.8	59.2	58.7								
1856								1871							
W B	23.8	15.22	14.23	1	23.8	31.3	22.2	Rü	38.0	03.40	04.45	2	38.0	15.9	05.4
Rü	46.0	14.63	13.93	1	46.0	27.8	21.3	Ber	70.3	04.14	04.63	2	70.3	11.0	06.1
Ber	70.5	14.44	14.06	3	70.5	24.1	20.6	Mü ₂	85.8	03.90	04.14	1	85.8	07.8	05.4
Wn	72.7	14.33	13.98	1	72.7	24.1	20.8	Ber	93.8	04.30	04.41		93.8	06.7	05.6
Ber	93.7	14.21	14.13		93.7	23.0	22.2	Ci	97.8	04.44	04.48	3	97.8	05.6	05.2
Ci	97.7	14.15	14.12	3	97.7	22.3	22.0								
1857								1872							
L	95.6	55.65		1	95.6	40.2	54.5	Br	59.9	59.04		1,0			
Mü	47.7	55.54		1	47.7	47.7	54.9	L	94.5	59.00		1	94.5	46.6	58.6
W A	49.8	55.73		1	49.8	48.3	55.2	P	03.4	58.71		7,8	03.2	46.8	57.8
Rü	50.0	55.70		1	50.0	49.9	56.7	W B	22.9	58.74		1	22.9	48.5	57.3
R ₃	91.5	55.68		3	91.5	55.0	56.1	Arm	31.2	58.56		5	48.6	51.5	57.4
Ci	97.4	55.66		3	97.4	54.6	55.0	Rü	43.0	58.52		4	43.0	51.5	58.0
								Mü	43.7	58.77		1	43.7	53.1	59.5
								Y	45.7	58.80		3,2	67.8	54.6	58.3
								Pu	55.0	58.69		4	55.0	52.1	57.2
								N 7 Y	64.7	58.76		2	64.7	53.2	57.2
								Gl ₁	72.1	58.64		5,4	76.5	55.3	58.0
								Cor	77.8	58.75		4	77.8	54.3	56.8
								R ₃	90.0	58.77		3	90.0	55.2	56.3
								Ci	94.8	58.74		3	94.8	57.5	58.1
1859								1875							
Br	53.7	49.06	50.68	1,0				L	95.7	42.10	41.73	1	95.7	06.0	17.8
P	04.9	49.66	50.72	7	04.9	55.7	59.9	W B	22.8	42.08	41.81	2	22.8	08.9	17.6
W B	25.7	50.01	50.83	2	25.7	58.3	01.6	Mü	46.3	41.90	41.71	2	46.3	09.0	15.1
Rü	42.0	50.12	50.76	2,1	42.0	55.5	58.1	Arm				0,2	46.8	08.9	14.9
Arm	43.6	50.14	50.77	5	42.2	01.3	03.8	Rü	49.0	41.93	41.75	1	49.0	11.9	17.7
R ₂	57.7	50.44	50.91	2,3	57.8	56.8	58.7	R ₂				0,2	57.7	13.2	18.0
Bru	64.2	50.33	50.73	2,3	66.1	58.3	59.8	Y	57.8	41.88	41.73	2	57.8	13.0	17.8
N 7 Y	66.4	50.35	50.72	3	66.4	00.5	02.0	Si	59.7	41.76	41.62	2	59.7	10.2	14.8
Pu	67.8	50.34	50.70	4	67.8	59.1	00.5	Sj	62.7	41.87	41.74	1	62.7	11.0	15.2
Y	72.9	50.49	50.79	6	71.3	00.2	01.5	Bru	69.6	41.79	41.68	4,2	65.2	12.7	16.6
Ber	81.8	50.51	50.71	2	81.8	59.9	00.7	Arm ₂	74.5	41.90	41.81	3	74.5	14.7	17.6
Ci	97.4	50.66	50.69	3	97.4	00.0	00.1	R ₃	85.2	41.77	41.72	3	85.2	15.2	16.9
								Ci	97.3	41.78	41.77	2	97.3	16.5	16.8
1860															
W B	21.6	07.25		1	21.6	51.5	44.4								
Mü	43.7	06.72		1	43.7	45.8	40.7								
Sj	61.8	06.46		1	61.8	45.3	41.9								
Gl ₁	77.8	06.92		4,5	78.4	44.4	42.5								
Gl ₂	88.7	07.00		1	91.7	40.8	40.1								
Ci	94.8	06.74		3	94.8	43.5	43.0								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1877		s	s			//	//	1890		s	s			//	//
L	95.7	35.10	36.16	1	95.7	28.5*	37.4	Br	54.9	55.77	55.55	1,0			
W B	21.7	35.46	36.26	2	21.7	34.6	41.3	L	97.7	57.22	57.07	2	97.7	32.3	31.7
Mü	45.0	35.79	36.35	4,3	46.4	29.5	34.0	W B	22.9	56.99	56.87	1	22.9	32.2	31.7
Si	62.9	35.79	36.16	2	62.9	32.7	35.9	Wr ₁	33.0	57.23	57.13	10,0			
Göt ₁	67.7	35.99	36.32	2	67.7	32.0	34.7	Arm	42.6	57.25	57.16	5,0			
Cor	79.8	36.02	36.23	3	79.8	34.8	36.5	Rü	43.0	57.32	57.24	1	43.0	37.0	36.7
Ci	96.2	36.17	36.21	2	96.2	35.4	35.7	Mü	45.4	57.03	56.95	2	45.4	33.5	33.2
						L + 10''		Y	47.7	57.14	57.06	5	47.7	32.7	32.4
1879								Wr ₂	50.9	57.12	57.05	5,0			
L	97.7	13.89		2	97.7	55.6	02.0	Cap	51.4	57.09	57.02	2,1	50.5	33.0	32.7
W B	22.9	13.72		1	22.9	55.4	00.3	R ₂	58.9	57.05	56.99	4	56.5	33.8	33.5
Mü	45.8	13.63		1	45.8	58.9	02.3	N 7 Y	66.3	57.06	57.01	2,3	66.1	32.9	32.7
Göt ₂	58.7	13.52		1	58.7	56.3	58.9	Pu	66.7	57.15	57.10	4	66.7	32.0	31.8
Sj	62.7	13.53		2	62.7	56.4	58.7	Bru	67.3	57.00	56.95	6,3	63.4	32.7	32.5
R ₃	91.5	13.76		3	91.5	01.4	01.9	R ₃	89.0	57.15	57.13	3	89.0	32.1	32.0
Ci	97.3	13.66		2	97.3	01.4	01.6	Ci	94.8	57.07	57.06	3	94.8	32.0	32.0
1881								1894							
W B	23.8	34.00	34.99	1	23.8	05.9	57.5	D'A	83.5	31.24	30.13	1	83.5	53.5	42.4
Mü	43.4	34.85	35.58	3	43.4	08.5	02.3	L	93.8	31.11	30.11	1	93.8	57.2	47.1
Göt ₂	62.8	34.84	35.32	1	62.8	03.7	59.6	P	96.9	31.04	30.07	8	96.9	55.8	46.0
Ber	70.2	34.86	35.25	2	70.2	02.5	59.2	P M	27.6	30.70	30.02	4	27.6	49.8	42.9
Wn	73.2	34.83	35.18	2	73.2	01.0	58.0	Rü	42.0	30.62	30.07	1	42.0	50.2	44.7
Ber	93.6	35.19	35.27		93.6	00.4	59.7	Mü	42.7	30.50	29.96	3	42.7	47.4	42.0
Ci	97.8	35.22	35.25	3	97.8	59.9	59.6	Pu	51.9	30.41	29.96	2	51.9	49.4	44.8
								Ber	69.9	30.32	30.04	3	69.9	47.7	44.8
1882								Y	73.7	30.26	30.01	6,8	73.8	48.7	46.2
Br	52.5	37.33	38.20	2,3	54.5	56.0	10.0	Rmg	75.0	30.25	30.01	4	75.0	46.8	44.4
P	96.4	37.61	38.22	7,8	96.4	00.1	10.0	Ci	95.8	30.15	30.11	3	95.8	45.7	45.3
Arm	33.3	37.73	38.12	2,5	52.1	05.9	10.5	1895							
Pu	55.0	37.87	38.14	4	55.0	06.2	10.5	L	94.5	32.62		1	94.5	35.0	48.7
R ₂	57.8	37.96	38.21	3,6	55.2	07.0	11.3	Rü	50.0	33.06		1	50.0	42.8	49.3
7 Y	59.7	37.90	38.14	3	59.7	07.0	10.9	Arm ₂	76.0	32.81		5	76.0	45.7	48.8
Bru	65.3	37.98	38.18	2,3	67.0	06.8	10.0	Ci	95.3	32.77		4	95.3	48.3	48.9
Gl ₁	65.7	38.10	38.30	3	70.4	07.7	10.5	1896							
10 Y	80.0	38.06	38.18	3	80.0	08.5	10.4	F	90.0	04.59	07.34	1	90.0	17.9	23.4
Alb	80.7	38.03	38.14	3	80.7	08.5	10.3	O A	42.8	06.61	08.04	1	42.8	18.4	21.3
Ci	96.3	38.14	38.16	2	96.3	09.3	09.7	Harv	76.8	07.20	07.78	2	76.8	19.6	20.8
								Ci	93.5	07.37	07.53	3	93.5	22.4	22.7
1883								Ci	96.3	07.58	07.67	2	96.3	21.5	21.7
Br				0,7	52.1	15.4	25.2	1903							
P	01.2	50.77	53.79	5,6	01.2	17.1	23.6	Br	55.1	06.73	08.79	9,4	55.5	00.5	
G	06.8	50.75	53.60		06.8	22.2	28.3	P	08.8	08.00	09.29	4	08.8	05.7	
P M	23.9	51.28	53.61	6	23.9	18.7	23.7	P M	30.0	07.83	08.82	5	30.0	04.6	
12 Y	45.0	52.07	53.75	3,4	40.0	21.9	25.9	Abo	30.0	07.79	08.78	8,4	30.0	03.5	
R ₁	45.0	52.12	53.80	2,3	45.0	23.0	26.6	Cap	35.8	08.13	09.04	2	35.7	57.2	
Arm	45.3	51.76	53.44	3,5	53.9	20.3	23.3	12 Y	45.0	07.92	08.70	2	45.0	02.9	
Pu	55.0	52.35	53.73	4	55.0	22.3	25.3	Cap	51.8	08.22	08.90	2,3	51.3	03.1	
Bru	58.7	52.43	53.69	4,3	62.0	19.1	21.6	R ₂	56.9	08.34	08.95	7,6	57.3	04.0	
7 Y	60.0	52.46	53.68	28,27	60.0	22.8	25.4	Y	60.8	08.23	08.78	5,3	59.9	03.9	
N 7 Y	64.0	52.52	53.62	15,14	64.0	22.6	25.0	Bru	68.2	08.32	08.77	5	66.5	03.6	
9 Y	72.0	52.86	53.72	15,17	72.0	23.6	25.4	9 Y	70.7	08.37	08.79	5	70.7	03.6	
10 Y	80.0	53.12	53.73	7	80.0	23.7	25.0	Rmg	75.0	08.53	08.89	2	75.0	03.7	
Krü	80.3	52.93	53.54	3,2	81.6	24.3	25.5	Cor	77.8	08.45	08.77	2	77.8	04.0	
Ci	96.8	53.57	53.67	3	96.8	25.8	26.0	R ₃	84.1	08.58	08.81	3	84.1	03.9	
								Ci	96.8	08.74	08.79	3	96.8	03.9	
1888								1906							
Mü	42.8	36.17	37.37	2	42.8	20.9		L	93.9	09.01	10.19	2	93.9	17.3	20.5
B	55.9	36.45	37.38	1	55.9	21.7		W B	22.8	09.03	09.89	1	22.8	13.6	15.9
Wn	57.7	36.25	37.14	1	57.7	24.8		Mü	42.2	09.40	10.04	5	42.2	18.8	20.5
Ber	70.8	36.67	37.28	2	70.8	23.8		Rü	44.0	09.30	09.92	1	44.0	17.2	18.9
Kön	93.8	37.27	37.40	6	93.8	22.8		Göt ₂	61.8	09.67	10.09	1	61.8	20.0	21.1
Ci	95.8	37.23	37.32	3	95.8	22.4		Gl ₁	68.5	09.73	10.08	4,6	72.4	17.6	18.4
								Arm ₂	76.2	09.80	10.06	4,5	76.8	17.7	18.4
1889								Gl ₂	89.6	10.03	10.15	5,3	88.5	18.4	18.8
W B	23.8	57.42	54.14	1	23.8	28.3	23.7	Ci	94.8	10.01	10.07	3	94.8	19.2	19.4
Rü	40.0	56.81	54.23	2	40.0	24.9	21.3								
Mü	42.9	56.90	54.44	2,1	42.9	27.7	24.3								
Ber	80.7	55.04	54.21	2	80.7	24.5	23.3								
Ci	96.8	54.42	54.28	3	96.8	22.9	22.7								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1908		s	s			//	//	1923		s	s			//	//
Br	54.0	55.07	54.54	4.3	54.1	45.7	24.1	O A	42.9	31.65	31.14	1	42.9	01.4	38.0
P	97.8	55.10	54.73	6.7	97.1	39.6	24.4	B	83.6	31.21	31.06	3	83.6	44.9	38.2
P M	30.0	54.89	54.64	4	30.0	33.7	23.3	Ci	96.8	31.21	31.18	3	96.8	39.1	37.8
Wr ₁	33.0	54.84	54.60	10.0				1926							
Arm	42.7	54.84	54.63	7.8	48.6	32.3	24.7	L	98.8	49.12	49.64	2	98.8	43.6	02.7
Pu	55.0	54.80	54.64	6	55.0	30.8	24.1	W B	21.9	49.44	49.84	1	21.9	49.2	04.0
R ₂	57.3	54.76	54.61	4	59.1	30.3	24.2	Mü	48.1	49.34	49.60	6	48.1	52.8	02.6
Bru	61.4	54.69	54.55	11.4	58.0	30.8	24.6	B	53.8	49.30	49.54	1	53.8	51.4	00.1
Y	64.6	54.73	54.60	5.3	71.1	30.0	25.7	Si	63.0	49.40	49.59	2	63.0	57.2	04.2
N 7 Y	65.5	54.70	54.58	3	65.5	30.1	25.0	Göt ₁	67.7	49.48	49.64	2	67.7	56.6	02.7
Rmg	75.0	54.61	54.52	6	75.0	28.0	24.3	Cor	77.8	49.56	49.67	4	77.8	58.6	02.8
Alb	79.1	54.69	54.61	3	79.1	28.9	25.8	Ka	85.4	49.56	49.63	6	85.4	59.7	02.4
Ci	96.8	54.64	54.63	3	96.8	23.7	23.2	Ci	96.3	49.70	49.72	2	96.3	01.5	02.2
1912								1927							
L	95.8	16.87	18.66	1	95.8	56.7	55.1	W B	23.8	14.45	13.74	1	23.8	57.0	41.8
W B	22.9	17.36	18.69	1	22.9	01.9	00.7	Mü	42.8	14.55	13.86	1	42.8	47.1	35.7
Mü	46.0	17.85	18.78	4	46.0	59.6	58.8	Rü	44.0	13.92	13.25	1	44.0	51.6	40.4
Rü	48.0	17.70	18.59	2	48.0	59.0	58.2	Wn	60.1	13.96	13.48	3	60.1	50.7	42.7
Göt ₂	58.7	17.79	18.51	1	58.7	54.6	54.0	Ber	70.4	13.80	13.44	2	70.4	47.0	41.1
Arm ₂	72.8	18.28	18.75	5	72.8	58.7	58.3	Ber	93.8	13.61	13.54	2	93.8	42.8	41.6
Cor	77.8	18.30	18.68	4	77.8	57.5	57.2	Ci	97.8	13.64	13.61	4	97.8	41.5	41.1
R ₃	84.2	18.28	18.55	3	84.2	58.0	57.8	1928							
Ci	96.3	18.59	18.65	2	96.3	57.3	57.3	L	94.6	26.82	27.03	2	94.6	01.0	51.5
1917								W B	21.8	27.21	27.37	1	21.8	04.1	57.1
Br	54.7	35.50	34.61	24.10	55.2	22.2	38.1	Sj	61.7	27.00	27.08	1	61.7	58.9	55.5
Ma	57.8	35.18	34.31	3	57.8	22.8	38.4	Alb	80.7	27.19	27.23	2	80.7	54.7	53.0
P	97.7	35.46	34.84	19.15	97.7	26.5	37.8	Ci	96.8	27.14	27.15	3	96.8	53.4	53.1
Cb ₁	28.0	35.11	34.67	7.2	34.0	30.6	37.9	1932							
Arm	32.8	34.95	34.54	5.6	48.3	33.9	39.6	Mü	42.8	57.71		1	42.8	53.8	42.4
12 Y	40.0	35.01	34.64	5.7	40.0	31.5	38.1	Rü	46.0	57.62		1	46.0	51.3	40.5
Pu	55.0	34.96	34.69	4	55.0	33.4	38.3	Wn	57.7	57.58		1	57.7	50.4	41.9
R ₂	57.9	34.95	34.69	6	57.1	33.6	38.3	Ber	70.8	57.70		2	70.8	47.6	41.8
Cap	60.0	34.93	34.69	3	60.0	34.0	38.4	Mü ₂	86.8	57.56		1	86.8	45.3	42.7
7 Y	60.1	34.88	34.64	6	60.1	33.9	38.3	Ber	93.9	57.64			93.9	43.1	41.9
Y	60.2	34.91	34.67	18.7	69.2	32.8	36.2	Ci	97.8	57.62		3	97.8	42.2	41.8
N 7 Y	61.8	34.97	34.74	5	61.8	34.1	38.3	1933							
Cor	77.8	34.74	34.60	4	77.8	34.9	37.3	Mü	42.8	17.87	18.78	1	42.8	07.0	16.7
10 Y	80.0	34.78	34.66	25	80.0	35.9	38.1	Ber	70.8	18.13	18.60	2	70.8	14.4	19.4
Cap	81.8	34.75	34.64	6.3	83.1	36.2	38.1	Mü ₂	88.3	18.36	18.55	2	88.3	18.3	20.3
R ₃	90.0	34.65	34.59	8	90.0	36.5	37.6	Ber	93.8	18.52	18.62		93.8	17.0	18.1
Ci	96.3	34.67	34.65	2	96.3	37.4	37.8	Ci	97.8	18.68	18.71	3	97.8	16.5	16.9
1918								1934							
L	93.8	56.99	57.41	1	93.8	34.2	17.2	W B	22.8	30.82	29.43	2	22.8	37.7	23.8
W B	22.8	57.00	57.31	1	22.8	28.6	16.2	Mü	42.8	30.50	29.47	2	42.8	30.0	19.7
Rü	40.0	57.18	57.42	5	40.0	25.7	16.1	Rü	44.0	30.14	29.13	1	44.0	33.1	23.0
Gl ₁	70.2	57.45	57.57	3	72.2	20.3	15.9	Wn	60.5	30.08	29.37	5	60.5	30.6	23.5
Gl ₂	89.4	57.52	57.56	5.3	89.9	18.2	16.6	Ber	70.0	29.86	29.32	2	70.0	29.7	24.3
Ci	94.8	57.35	57.37	3	94.8	18.0	17.2	Ber	93.8	29.53	29.42		93.8	24.7	23.6
1921								Ci	97.8	29.45	29.41	3	97.8	23.1	22.7
L	93.8	02.55	03.80	1	93.8	22.2	33.4	1936							
W B	22.8	03.10	04.01	2	22.8	27.1	35.2	F	90.0	01.80	01.56	1	90.0	22.8	06.7
Rü	38.0	02.85	03.58	2	38.0	24.4	30.9	L	90.7	01.69	01.45	1	90.7	21.6	05.6
Göt ₂	61.8	03.33	03.78	1	61.8	25.0	29.0	G	11.8	01.59	01.40		11.8	20.7	07.8
Ber	69.9	03.47	03.83	2	69.9	30.5	33.7	O A	41.7	01.74	01.61	1	41.7	16.4	07.9
Mü ₂	86.8	03.64	03.80	1	86.8	34.4	35.8	R ₁	44.6	01.59	01.47	3.4	47.8	13.4	05.8
Ber	93.8	03.74	03.81		93.8	33.1	33.8	Harv	73.8	01.57	01.51	2	73.8	11.2	07.4
Ci	97.8	03.75	03.78	3	97.8	32.8	33.0	Ci	97.5	01.49	01.48	3	97.5	07.2	06.8
1922															
G	11.8	21.22	22.82		11.8	54.9	59.7								
O A	42.3	22.00	23.04	2	42.3	56.0	59.1								
R ₁	48.2	21.96	22.90	2.3	46.5	55.6	58.5								
Bru	69.5	22.35	22.90	3.2	67.8	56.5	58.2								
Harv	80.8	22.66	23.01	3	80.8	59.0	00.0								
Ci	97.5	22.79	22.84	3	97.5	59.0	59.1								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1938								1951							
		s	s			"	"			s	s			"	"
Br.	54.2	30.01	31.29	2,3	54.3	49.0	51.6	D'A.	84.2	17.70	19.38	2	84.2	26.5	32.7
P.	98.4	30.53	31.42	7	98.4	47.8	49.6	L.	93.8	18.88	20.42	1	93.8	21.7	27.4
G.	07.9	30.57	31.38		07.9	48.9	50.6	P.	04.5	18.45	19.83	5,8	05.0	26.5	31.6
Arm.	42.8	30.86	31.36	5	40.8	49.2	50.3	W B.	23.8	18.91	20.01	1	23.8	27.4	31.5
R ₁	45.8	30.89	31.37	4,10	49.4	48.5	49.4	Tay.	35.0	18.99	19.92		35.0	28.4	31.9
Pu	55.0	30.87	31.27	4	55.0	49.2	50.0	Ber	70.8	19.46	19.88	2	70.8	31.0	32.6
R ₂	57.5	30.95	31.32	6,5	57.2	51.1	51.9	Ber	94.7	19.85	19.93		94.7	32.2	32.5
N 7 Y	63.8	31.01	31.33	3	63.8	49.3	49.9	Ci.	97.8	19.76	19.79	2	97.8	31.5	31.6
9 Y	75.1	31.16	31.38	3,5	75.8	49.7	50.1	1952							
B.	78.5	31.12	31.31	3	78.5	50.2	50.6	L.	95.7	43.87		1	95.7	57.9 [±]	04.2
10 Y	80.0	31.15	31.33	3	80.0	50.8	51.2	W B.	23.8	44.40		1	23.8	59.4	04.0
Ci.	96.8	31.30	31.33	3	96.8	51.2	51.3	Si.	60.0	44.19		1	60.0	58.6	01.0
1940								Rmg	77.2	44.15		2	77.2	03.4	04.8
L.	93.8	15.07	14.43	2	93.8	02.6	49.0	10 Y	78.3	44.16		12,7	78.0	02.3	03.6
W B.	23.9	14.95	14.49	1	23.9	58.6	48.9	Cor.	78.6	44.18		18	78.6	02.2	03.5
Mü	42.8	14.90	14.56	1	42.8	55.8	48.6	R ₃	90.8	44.14		3	90.8	04.6	05.2
Ber	70.7	14.68	14.50	2	70.7	53.6	49.8	Ci.	96.8	44.14		3	96.8	03.4	03.6
Ber	93.8	14.54	14.50		93.8	49.4	48.6							L — 10''	
Ci.	97.8	14.49	14.48	3	97.8	49.1	48.8	1953							
1941								L.	02.8	10.72	09.55	1	02.8	55.8	47.1
L.	99.8	30.34	30.75	2	99.8	25.5	45.8	W B.	22.8	10.32	09.39	2	22.8	57.4	50.5
W A	49.8	30.53	30.74	1	49.8	38.6	48.8	Ber	70.5	09.84	09.49	2	70.5	49.2	46.5
Y	63.8	30.60	30.75	3,2	65.8	38.1	45.0	Ber	93.8	09.55	09.48		93.8	48.2	47.6
Bru	70.1	30.63	30.75	3	65.8	39.2	46.1	Ci.	97.8	09.56	09.53	3	97.8	48.9	48.7
Cor.	76.8	30.63	30.73	5	76.8	41.5	46.2	1955							
Cap.	78.8	30.65	30.74	3	78.8	42.5	46.8	Br.	54.2	10.64	12.60	4,3	54.6	45.6	03.0
R ₃	88.6	30.70	30.75	3	88.6	44.0	46.3	P.	02.0	11.66	12.97	6,5	00.1	50.3	02.3
Ci.	96.3	30.73	30.74	2	96.3	45.3	46.1	G.	08.8	11.51	12.73		08.8	51.8	02.7
1942								Abo.	30.0	11.85	12.79	3	30.0	55.0	03.4
W B.	22.8	25.45	26.60	2	22.8	41.0	27.3	Arm.	42.0	11.79	12.57	6	42.3	56.2	03.1
P M.	30.2	25.62	26.66	2	30.2	36.0	23.6	R ₁	45.8	11.94	12.67	4	52.5	57.3	03.0
Mü	42.8	25.74	26.59	1	42.8	31.8	21.7	Pu	55.0	12.03	12.63	4	55.0	57.7	03.1
Ber	69.9	26.18	26.63	2	69.9	30.9	25.6	R ₂	58.4	12.14	12.70	5,4	56.6	57.7	02.9
Mü ₂	84.9	26.26	26.48	1	84.9	30.0	27.3	N 7 Y	67.2	12.22	12.66	3	67.2	59.3	03.2
Ber	93.8	26.52	26.61		93.8	26.0	24.9	Rmg	75.0	12.25	12.59	5	75.0	59.5	02.5
Ci.	97.8	26.60	26.63	4	97.8	24.1	23.7	B.	78.2	12.63	12.92	2	78.2	59.7	02.3
1943								Ci.	95.8	12.71	12.77	3	95.8	02.6	03.1
Br	53.0	30.97	33.21	3,4	54.6	48.5	58.1	1956							
P.	00.1	31.39	32.91	4,6	97.8	51.3	58.0	L.	95.3	16.91 [*]	17.64	2	95.3	23.6	26.2
Abo.	30.0	32.19	33.25	8	30.0	52.9	57.5	W B.	22.8	16.97	17.51	1	22.8	22.4	24.3
Arm.	31.2	32.22	33.27	5	51.7	54.3	57.5	Mü	46.1	17.53	17.91	6	46.1	19.2	20.6
Rü	41.0	32.24	33.14	2	41.0	51.4	55.3	Göt ₂	61.8	17.58	17.85	1	61.8	22.8	23.8
Pu	55.0	32.59	33.27	4	55.0	54.4	57.4	B.	62.9	17.73	17.99	1	62.9	23.1	24.0
R ₂	57.8	32.53	33.17	5,3	57.8	55.6	58.4	Si.	62.9	17.39	17.65	2	62.9	22.7	23.6
N 7 Y	65.9	32.71	33.23	2	65.9	54.9	57.1	Göt ₁	67.8	17.61	17.84	2	67.8	24.9	25.7
Ber	70.8	32.69	33.13	2	70.8	55.8	57.7	Gl ₁	68.3	17.54	17.76	2,3	71.7	23.4	24.1
9 Y	74.1	32.80	33.19	3,13	74.2	55.4	57.1	Bru	72.8	17.57	17.76	3	69.1	23.8	24.6
10 Y	80.0	32.86	33.16	4,16	80.0	56.1	57.4	Cor.	80.6	17.55	17.69	4	80.6	24.7	25.2
Ci.	96.1	33.08	33.14	3	96.1	58.2	58.5	Arm ₂	81.3	17.67	17.80	2	81.3	24.0	24.5
1945								R ₃	85.8	17.54	17.64	3	85.8	24.9	25.3
W B.	23.3	55.36	54.82	2	23.3	57.2	48.0	Ci.	96.8	17.70	17.72	3	96.8	24.0	24.1
Göt ₂	61.8	55.00	54.73	1	61.8	56.2	51.6	L 45265, +1 ^s							
Ber	69.9	55.07	54.86	2	69.9	51.9	48.3	1957							
Ber	94.7	54.88	54.84		94.7	48.9	48.3	Br.	54.6	32.41	33.72	10,5	54.3	43.3	59.5
Ci.	97.8	54.88	54.86	3	97.8	48.9	48.6	Ma	57.2	32.25	33.54	7	57.2	44.4	00.2
1949								P.	98.2	32.72	33.64	7,10	97.9	48.5	59.8
L.	95.7	58.00	59.12	1	95.7	27.8	19.1	Abo.	30.0	33.03	33.66	8,7	30.0	51.3	59.1
W B.	22.0	58.07 [*]	58.90	1	22.0	26.0	19.5	Arm.	40.8	32.89	33.42	2,8	50.5	54.3	59.7
Sj.	62.0	58.68	59.09	1	62.0	23.6	20.4	Pu	55.0	33.23	33.63	8	55.0	55.0	00.0
Alb	81.2	58.88	59.08	3	81.2	21.2	19.7	7 Y	58.2	33.23	33.61	6	58.2	55.6	00.2
Ci.	97.0	58.97	59.00	4	97.0	19.4	19.2	R ₂	58.6	33.32	33.69	4,5	57.2	55.9	00.6
WB — 1 ^s								N 7 Y	61.7	33.23	33.57	6	61.7	55.5	59.7
								Y	63.7	33.27	33.60	5,4	56.2	54.8	59.6
								Alb	80.8	33.43	33.60	3	80.8	58.0	00.1
								Ci.	95.5	33.62	33.66	3	95.5	58.6	59.1

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
1980		S	S			//	//	1995		S	S			//	//
W B	27.7	41.46	42.62	1	27.7	40.5		L	00.7	23.22	23.71	1	00.7	11.7	22.1
B	61.6	42.18	42.79	3	61.6	41.9		W Z	47.2	23.32	23.58	5	47.2	15.3	20.8
B	80.3	42.31	42.63	3	80.3	41.7		W A	49.8	23.43	23.68	1	49.8	11.6	16.9
Ci	96.5	42.63	42.69	3	96.5	41.2		Y	64.0	23.46	23.64	4,2	62.7	16.4	20.3
								Cor	75.8	23.49	23.61	4	75.8	18.5	21.0
1981								Cap	78.8	23.63	23.73	3	78.8	19.9	22.1
L	93.8	22.45	20.86	1	93.8	00.4	58.3	R ₃	88.4	23.64	23.70	4,3	91.4	21.1	22.1
W B	25.8	22.15	21.04	1	25.8	52.9	51.4	Ci	96.8	23.67	23.69	3	96.8	20.9	21.2
Rü	37.0	21.89	20.95	1,0											
Ber	82.0	21.22	20.95	3	82.0	55.8	55.4	1997							
Ci	96.8	21.00	20.95	3	96.8	55.3	55.2	W B	25.8	43.17	41.91	1	25.8	57.8	49.6
								Ber	70.8	42.26	41.76	2	70.8	54.5	51.3
1983								Ber	93.8	41.94	41.83		93.8	51.6	50.9
L	00.8	04.30	05.33	1	00.8	54.2	03.4	Ci	97.8	41.94	41.90	3	97.8	50.1	49.9
W B	21.8	04.36	05.17	1	21.8	00.7	08.0								
Göt ₂	58.8	04.96	05.39	1	58.8	02.7	06.5	1998							
R ₃	90.4	05.20	05.30	3	90.4	05.6	06.5	D'A	83.6	53.57	58.88	1	83.6	42.7	04.2
Ci	96.1	05.26	05.30	3	96.1	04.6	05.0	W B	27.7	55.80	59.10	1	27.7	44.0	57.4
								Rü	44.0	56.07	58.62	1	44.0	51.0	01.4
1984								Wn	59.4	56.94	58.79	3	59.4	53.9	01.4
Br	54.3	17.12	18.02	4,5	54.3	38.2	40.1	Ber	70.8	57.49	58.82	2	70.8	55.2	00.6
P	97.7	17.74	18.37	14,7	98.4	38.6	39.9	Ber	93.8	58.59	58.87		93.8	00.7	01.8
G	08.8	17.51	18.08		08.8	38.9	40.1	Ci	97.8	58.81	58.91	3	97.8	01.0	01.4
Arm	40.2	17.74	18.11	5	40.0	39.3	40.1								
12 Y	43.0	17.74	18.09	3,5	43.0	40.5	41.2	2001							
R ₁	48.7	17.78	18.10	6,4	46.6	40.3	41.0	W B	25.8	46.09	47.20	1	25.8	28.3	34.1
Pu	55.0	17.83	18.11	4	55.0	39.5	40.1	Wn	58.3	46.41	47.04	2	58.3	31.1	34.4
Y	69.4	17.86	18.05	2,3	57.7	38.6	39.1	Ber	70.4	46.72	47.16	2	70.4	32.9	35.3
Beck	75.0	17.99	18.14	4	75.0	39.9	40.2	Ber	93.8	47.03	47.12		93.8	34.6	35.1
B	78.3	18.03	18.17	2	78.3	39.4	39.7	Ci	97.8	47.12	47.15	3	97.8	34.0	34.2
10 Y	80.0	17.97	18.09	2	80.0	39.3	39.6								
Ci	96.5	18.01	18.03	3	96.5	39.9	40.0	2002							
								L	95.7	44.99	43.85	1	95.7	00.6	12.2
1989								P	08.8	44.60	43.61	4	08.8	05.2	15.3
L	93.6	20.18	19.97	1	93.6	19.1	08.5	W B	22.7	44.78	43.94	1	22.7	08.7	17.3
W B	27.8	20.43	20.29	1	27.8	20.4	13.2	Rü	46.0	44.33	43.74	4	46.0	09.3	15.3
B	81.9	20.14	20.10	2,1	72.9	15.3	12.6	Sj	63.0	44.35	43.95	1	63.0	09.4	13.5
Ci	95.3	20.04	20.03	4	95.3	11.5	11.0	Bru	68.9	44.11	43.77	2,4	68.3	09.8	13.3
								Cor	79.8	44.01	43.79	3	79.8	13.0	15.2
1990								Ka	85.9	43.93	43.78	2	85.9	12.8	14.4
Br	55.7	18.84	22.16	6,5	54.5	23.0	14.1	R ₃	92.1	43.94	43.85	3	92.1	13.7	14.6
P	98.4	20.16	22.50	7	98.4	18.5	12.3	Ci	96.5	43.86	43.82	3	96.5	14.1	14.5
G	09.8	20.10	22.17		09.8	19.9	14.4	2003							
Abo	30.0	20.63	22.24	13	30.0	18.1	13.8	Br	54.3	58.09	56.60	12,6	54.6	08.5	46.0
R ₁	45.0	20.92	22.18	4	45.0	17.2	13.8	Ma	57.0	58.10	56.64	8,7	57.0	08.9	46.7
Pu	55.0	21.18	22.21	4	55.0	15.9	13.2	P	02.2	57.72	56.72	25,15	03.2	59.9	44.9
R ₂	58.3	21.37	22.33	6	57.7	15.6	13.0	Arm	41.2	57.26	56.66	3,5	52.5	54.7	47.3
N 7 Y	64.0	21.36	22.19	3	64.0	14.3	12.1	12 Y	42.1	57.18	56.60	16,13	43.8	55.1	46.4
Bru	69.4	21.52	22.22	5,3	73.1	15.1	13.5	Rü	46.0	57.08	56.53	7	46.0	55.6	47.2
9 Y	72.0	21.64	22.28	6,14	72.0	14.7	12.9	6 Y	51.1	56.97	56.47	2	51.1	54.4	46.8
Rmg	75.0	21.66	22.23	4	75.0	14.7	13.2	Pu	55.0	57.09	56.63	4	55.0	53.1	46.1
10 Y	80.0	21.79	22.25	4,7	80.0	14.3	13.1	Y	57.2	57.06	56.62	13,5	56.1	53.0	46.2
Ci	96.5	22.15	22.23	3	96.5	14.6	14.4	7 Y	58.5	57.04	56.62	4	58.5	53.7	47.3
								Cap	58.7	57.02	56.60	8,10	58.4	53.1	46.7
1991								Bru	65.1	56.99	56.63	3,5	67.4	51.4	46.4
L	94.9	34.37	35.23	1	94.9	35.8		10 Y	80.0	56.81	56.61	20,19	80.0	49.7	46.6
W B	27.7	34.85	35.44	1	27.7	33.3		Cap	84.8	56.79	56.64	5	84.8	48.7	46.4
Pu	63.7	35.01	35.31	2	63.7	35.4		Ci	96.1	56.71	56.67	3	96.1	46.2	45.6
Leid	73.3	35.18	35.40	2	73.3	36.5		2004							
Ci	96.3	35.27	35.30	2	96.3	35.9		L	98.3	07.38	07.53	2,3	96.7	49.9	37.7
								W B	27.7	07.59	07.70	1	27.7	45.9	37.4
1993								Leid	71.7	07.54	07.58	2	71.7	41.6	38.3
L	94.8	29.50	31.01	2	94.8	53.2	56.1	Arm ₂	71.9	07.45	07.59	5,6	70.6	40.0	36.5
W B	23.8	29.78	30.88	1	23.8	53.2	55.3	R	73.7	07.44	07.48	5	73.7	41.4	38.3
Rü	44.0	29.94	30.75	3	44.0	56.5	58.1	Gl ₂	91.8	07.38	07.39	2,3	91.8	39.5	38.5
Ber	70.8	30.43	30.85	2	70.8	55.4	56.2	Ci	94.8	07.59	07.60	3	94.8	38.2	37.6
Gl ₂	90.2	31.01	31.15	3,4	90.3	55.6	55.9								
Ci	94.8	30.90	30.97	4	94.8	56.1	56.2								

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
2006		s	s			//	//	2021		s	s			//	//
Ma	56.8	07.84	06.87	1	56.8	40.7	51.6	L	03.8	42.15	41.61	1	03.8	55.6	22.2
L	95.7	07.89	07.18	1	95.7	42.2	50.1	W B	28.0	41.90	41.50	1	28.0	48.0	23.0
P	00.9	07.50	06.83	13	00.9	44.0	51.5	Wn	70.9	41.65	41.49	2	70.9	31.2	21.1
Arm	39.9	07.26	06.85	3,2	53.8	47.7	51.2	Ber	70.9	41.73	41.57	2	70.9	31.2	21.1
Cap	51.6	07.13	06.80	2	51.1	46.7	50.4	Ber	93.8	41.57	41.54		93.8	24.5	22.3
Pu	53.8	07.11	06.80	6	53.8	46.6	50.1	Ci	97.8	41.61	41.60	2	97.8	23.4	22.6
Bru	65.1	07.15	06.91	3,2	61.9	48.4	51.3								
9 Y	70.8	07.03	06.83	5	70.8	49.1	51.3								
Cap	77.7	07.00	06.85	8,12	77.7	49.4	51.1	2022							
Cor	77.9	07.04	06.89	5	77.9	50.8	52.5	W B	22.7	53.61	52.30	1	22.7	53.0	05.4
R ₃	81.8	07.02	06.90	3	81.8	49.3	50.7	Y	65.7	52.70	52.12	6,3	65.7	57.6	03.1
Go	85.8	07.01	06.91	6,5	86.4	50.3	51.3	Pu	88.6	52.31	52.12	5	88.6	02.7	04.5
Ci	96.5	06.93	06.91	3	96.5	51.0	51.3	Ci	96.1	52.32	52.25	4	96.1	04.3	04.9
2007															
L	93.7	30.18	28.84	1	93.7	56.2	53.0	2024							
W B	25.8	29.85	28.92	1	25.8	00.4	58.2	W B	21.8	14.87	14.64	1	21.8	05.2	54.3
Rü	46.0	29.29	28.61	2	46.0	56.9	55.3	Mü	41.8	15.00	14.83	1	41.8	02.7	54.6
Ber	82.2	29.03	28.81	4	82.2	55.9	55.4	Rü	44.0	14.71	14.54	2,1	44.0	59.3	51.5
Cb	86.9	29.05	28.88	2	86.9	56.8	56.4	Leip	70.4	14.81	14.72	2	70.4	58.2	54.1
Ci	96.8	28.89	28.85	3	96.8	54.6	54.5	Leip	84.9	14.70	14.65	2	84.9	55.6	53.5
2008								Ci	95.1	14.67	14.66	3	95.1	55.3	54.6
B	58.9	43.64	44.13	1	58.9	26.0		2025							
Cb	73.8	43.94	44.25	2	73.8	25.7		L	93.8	17.64	17.98	1	93.8	05.9	49.7
Kön	93.7	44.37	44.45	1	93.7	29.5		W B	25.8	17.90	18.14	1	25.8	55.6	44.2
Ci	95.1	44.10	44.16	3	95.1	25.7		Rü	39.0	17.66	17.86	5	39.0	54.7	45.4
2014								Ber	70.4	17.83	17.92	2	70.5	52.3	47.8
W B	25.8	18.50	19.54	1	25.8	32.6	25.9	Wn	74.5	17.78	17.86	3	74.5	51.4	47.5
Mü	43.0	18.47	19.27	1	43.0	30.3	25.2	Rmg	77.3	17.94	18.01	4	77.3	50.1	46.6
Ber	80.8	19.10	19.37	3	80.8	28.0	26.3	Ber	93.9	17.97	17.99		93.9	47.5	46.6
Ci	96.3	19.40	19.45	2	96.3	25.7	25.4	Ci	97.2	17.99	18.00	3	97.2	47.5	47.1
2017								2030							
O A	42.8	29.41	32.21	1	42.8	22.9	21.8	Br	55.4	13.24	12.95	22,10	55.2	14.5	01.3
B	83.8	31.49	32.28	3	83.8	22.4	22.1	Ma	57.8	13.23	12.95	7,5	57.6	15.1	02.1
Ci	96.5	32.05	32.22	3	96.5	22.0	21.9	P	98.8	13.16	12.96	9	98.8	10.6	01.4
2018								J	30.0	13.09	12.95	4,5	30.0	07.8	01.4
W B	22.9	36.85	38.62	1	22.9	25.0	15.7	Cap	30.7	13.26	13.12	15,20	30.8	07.0	00.7
Rü	44.0	37.24	38.53	2	44.0	23.9	17.2	Cb ₁	34.0	13.18	13.05	9,4	34.0	07.0	01.0
Gl ₁	78.8	38.19	38.67	3,4	78.8	16.6	14.1	Arm	41.9	13.18	13.06	5,2	53.8	06.6	02.4
Gl ₂	90.7	38.37	38.58	3,2	90.7	15.8	14.7	12 Y	42.0	13.12	13.00	12,7	43.6	06.9	01.8
Ci	94.8	38.48	38.60	4	94.8	17.2	16.6	6 Y	50.0	13.15	13.05	15,11	50.0	05.9	01.4
2020								Pu	55.0	13.09	13.00	4	55.0	05.6	01.5
W B	26.8	01.25	00.15	2	26.8	17.6	04.4	7 Y	60.0	13.10	13.02	11,10	60.0	04.9	01.3
Rü	44.0	00.55	59.71	1	44.0	13.4	03.3	9 Y	72.0	13.06	13.00	17	72.0	04.1	01.6
Wn	57.9	00.76	00.13	1	57.9	14.7	07.1	Cor	78.8	13.03	12.99	4	78.8	03.0	01.1
Ber	70.4	00.42	59.98	2	70.4	12.3	07.0	R ₃	90.0	13.03	13.01	5,4	90.0	02.0	01.1
Ber	93.8	00.04	59.95		93.8	06.5	05.4	Ci	96.5	12.97	12.96	3	96.5	02.2	01.9
Ci	97.8	00.10	00.07	3	97.8	04.5	04.1								

ADDITIONAL PROPER MOTIONS FOR STARS IN No. 13.

AUTH.	EP.	R. A.		OBS.	EP.	DECL.		AUTH.	EP.	R. A.		OBS.	EP.	DECL.	
215		s	s			//	//	1423		s	s			//	//
L	97.2	41.59	42.93	2	97.2	15.3	12.2	L	94.5	55.52	55.27	1	94.5	38.2	31.9
Par	58.5	42.26	42.80	3,1	59.0	11.9	10.7	W B	22.5	55.30	55.11	1	22.5	38.5	33.8
Cb	76.6	42.52	42.83	3	76.6	10.6	09.9	Si	40.0	55.16	55.02	3	40.0	35.7	32.1
Par	79.8	42.55	42.81	2	79.8	10.7	10.1	P M	42.4	55.24	55.10	2	42.4	36.3	32.9
Ci	90.6	42.73	42.85	3	90.6	11.1	10.8	Mü	61.6	55.31	55.22	3	61.6	35.6	33.3
		s				"		Ci	90.3	55.19	55.17	5	90.3	33.4	32.8
		P M +0.013				P M -0.03				s				P M -0.060	
										P M -0.0024					
274								1599							
O A	41.8	51.12	51.93	1	41.8	19.0		L	95.1	16.35	14.86	2	95.1	34.3	30.8
R ₁	52.9	51.23	51.89	3,2	54.9	20.6		P	07.6	16.69	15.38	4	07.6	37.1	34.1
Bru	70.4	51.33	51.74	6,3	69.3	19.2		W B	21.7	16.59	15.48	1	21.7	39.1	36.5
Krü	71.8	51.65	52.04	2	71.8	19.3		Si	40.0	15.89	15.04	1	40.0	34.7	32.7
Ci	91.3	51.79	51.91	3	91.3	20.9	"	Mü	53.9	15.99	15.34	5,4	52.0	35.7	34.1
		s				"		Bru	66.7	15.65	15.18	5,3	69.1	36.0	35.0
		P M +0.014				P M 0.00		Gl ₁	72.8	15.53	15.14	6,4	74.0	35.1	34.2
								Rmg	75.1	15.49	15.15	4	75.1	34.8	34.0
								Ci	90.9	15.41	15.28	5	90.9	33.8	33.5
										s				P M -0.033	
										P M -0.0142					
615								1600							
L	94.0	56.59	55.85	1	94.0	17.9	32.4	L	95.1	17.18	15.76	2	95.1	18.8	14.0
W B	22.0	55.89	55.34	1	22.0	22.4	33.1	P	07.6	17.41	16.16	4	07.6	20.9	16.6
Göt ₂	63.2	55.61	55.35	1	63.2	26.6	31.6	W B	21.7	16.64	15.58	1	21.7	23.7	20.1
Gl ₁	69.5	55.80	55.59	3,6	75.0	29.5	32.9	P M	24.4	16.76	15.74	5	24.4	19.5	16.0
Alb	80.6	55.73	55.59	2	80.6	29.4	32.1	Mü	53.6	16.64	16.01	7	53.6	17.0	14.9
Ci	91.4	55.74	55.68	3	91.4	31.7	32.9	Sj	61.8	16.26	15.74	1	61.8	18.9	17.1
		s				"		Bru	66.7	16.39	15.94	5,3	69.1	17.5	16.1
		P M -0.0070				P M +0.137		Rmg	75.1	16.21	15.87	4	75.1	17.5	16.3
								Gl ₁	76.5	16.13	15.81	3	74.9	17.7	16.5
								Ci	90.9	16.01	15.89	5	90.9	15.9	15.4
										s				P M -0.046	
										P M -0.0135					
1305								1753							
Ma	56.4	10.35	08.61	1	56.4	26.2	35.1	L	95.2	53.05		2	95.2	30.7*	24.4
L	98.4	09.79	08.56	1	98.4	29.4	35.7	P	01.3	53.17		8,9	01.7	31.3	25.4
P	00.1	09.78	08.57	22,17	00.1	29.9	36.1	Rü	46.0	52.90		2,1	46.0	29.8	26.6
Mü	47.5	08.99	08.35	1	47.5	29.5	32.8	Arm				0,3	52.7	31.0	28.2
W A	49.9	09.24	08.63	2	49.9	33.2	36.3	Bru	64.8	53.01		2,5	68.1	27.7	25.8
Rü	51.5	08.84	08.25	3	51.5	35.3	38.3	Y	69.4	53.02		3,2	57.7	28.5	26.0
R ₂	57.3	09.16	08.64	5,3	59.8	34.1	36.6	Cb	85.2	52.86		2	85.2	25.4	24.5
Y	61.8	09.09	08.63	3,5	60.7	33.8	36.2	Ci	89.7	53.03		4	89.7	26.1	25.6
Bru	66.7	09.05	08.65	5,2	63.0	34.1	36.4			s				P M -0.060	
Cor	79.5	08.72	08.47	2,3	79.5	34.8	36.1			P M 0.000					
Ci	90.8	08.76	08.65	3	90.8	34.7	35.3								
		s				"									
		P M -0.0121				P M -0.062									

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